

RETICLE RED TUTORIAL

Image Lab: AI tools

**Upscale, remove the background,
then redraw as laser-ready vector art.**

Recorded on the live site · signed in · 10 credits in all

reticle-red.com/image-lab

PART 1 OF 2

Upscale and Remove BG

The size plan, one credit each, and the transparent PNG

RETICLE RED · IMAGE LAB AI TUTORIAL

Upscale and Remove BG — The size plan, one credit each, and the transparent PNG

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 **RETICLE
RED**

Create ▾ Prep ▾ Make ▾ Learn ▾

Q MY WORK ▾ ? ? ? 92 CR + ?

Prep
DITHER & CONTRAST
FREE BATCH
PNG ZIP LBRN2

Upscale
AI ENHANCE UP TO 4x
1 CR
PNG

Remove BG
ISOLATE SUBJECT · 1
CR BATCH
PNG

Vectorize
PHOTO → SVG · FROM
8 CR
PNG SVG LBRN2

Slice
TILE LARGE ART ·
FREE
PNG ZIP

TAKE PHOTO BROWSE PASTE

When you run an AI step, your image goes to our AI providers only to complete that job and is never used to train public models. Uploads and results stay in your private vault while your account is active and are removed within about 30 days of deleting it. [Privacy policy](#)

OR TRY A SAMPLE IMAGE:



Dog Portrait
PET



Tumbler
PRODUCT



Medallion 2D
GRAPHICS

Jobs ?

▶ ABOUT THIS TOOL Capabilities, questions operators ask, and related guides for this workspace.

STEP 1 OF 6

Upscale tab

Drop in a photo, or try a sample.

CLOSE-UP



Dog Portrait

PET

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FREE

PNG

ZIP

Cloud AI processing: sends your image to an AI processor

GUIDED PREP RECIPES

SHOW RECIPES

?

Neural Upscale uses AI to enlarge your image up to 4×, to at most 8192px on the long side — ideal for photos destined for high-DPI laser engraving. Works best on portraits, artwork, and detailed photos. Costs 1 credit per upscale.

This image: 1024×1024 px → 4096×4096 px (4×).

ORIGINAL

Jobs

?

▶ ABOUT THIS TOOL

Capabilities, questions operators ask, and related guides for this workspace.

STEP 2 OF 6

The size plan

Up to 4×, at most 8192 px on the long side.

CLOSE-UP



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Upscale 4× (1 CR)

NEW IMAGE



Jobs

ABOUT THIS TOOL

Capabilities, questions operators ask, and related guides for this workspace.

STEP 3 OF 6

Upscale 4× (1 CR)

You confirm before anything is spent.

CLOSE-UP

Upscale 4× (1 CR)

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Upscale and Remove BG — The size plan, one credit each, and the transparent PNG

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PNG ZIP



Drag the divider to compare — tap 1:1 to inspect true pixels and pan the enhanced detail.

Download 4× PNG

RE-UPSCALE (1 CR)

NEW IMAGE

Jobs ⓘ ?

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STEP 4 OF 6

Compare, then Download

Download 4× PNG: the full-size file.

Auto-saved to your Armory.

CLOSE-UP



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Create

Prep

Make

Learn

Q

MY WORK

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ZIP



Remove Background (1 CR)

NEW IMAGE

Jobs

ABOUT THIS TOOL

Capabilities, questions operators ask, and related guides for this workspace.

STEP 5 OF 6

Remove BG

The same image carries over.
Remove Background (1 CR).

CLOSE-UP

Remove Background (1 CR)

RETICLE RED · IMAGE LAB AI TUTORIAL

Upscale and Remove BG — The size plan, one credit each, and the transparent PNG

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Prep

Make

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Q

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DITHER & CONTRAST

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BATCH

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ZIP

LBRN2

Upscale

AI ENHANCE UP TO 4x

1 CR

PNG

Remove BG

ISOLATE SUBJECT · 1

CR

BATCH

PNG

Vectorize

PHOTO → SVG · FROM

8 CR

PNG

SVG

LBRN2

Slice

TILE LARGE ART ·

FREE

PNG

ZIP

Drag the divider to compare — the checkerboard is transparency. Tap 1:1 to inspect the cutout edges.

Download PNG

RE-PROCESS (1 CR)

NEW IMAGE

Jobs

ABOUT THIS TOOL

Capabilities, questions operators ask, and related guides for this workspace.

STEP 6 OF 6

A transparent PNG

The checkerboard is transparency.

CLOSE-UP



PART 2 OF 2

Vectorize

Eight styles, Standard 1K, PNG, SVG and a sized .lbrn2

RETICLE RED · IMAGE LAB AI TUTORIAL

Vectorize — Eight styles, Standard 1K, PNG, SVG and a sized .lbrn2

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Prep

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Learn

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77 CR

Prep

DITHER & CONTRAST

FREE

BATCH

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ZIP

LBRN2

Upscale

AI ENHANCE UP TO 4x

1 CR

PNG

Remove BG

ISOLATE SUBJECT

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Vectorize

PHOTO → SVG · FROM

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CHOOSE PHOTO STYLE

AI styles redraw the photo. Use the Prep tab when exact pixels matter.

ULTRA CORE

CLEAN SUBJECT
Sparse isolated shapes
SVG RECOMMENDED

DETAILED OUTLINE
Full-scene precision lines
SVG RECOMMENDED

PRECISION PENCIL
Maximum graphite detail
PNG RECOMMENDED

PENCIL SKETCH
Light hand-drawn shading
PNG RECOMMENDED

CLASSIC ENGRAVING
Hatched steel-plate look
PNG RECOMMENDED

STIPPLE PORTRAIT
Tone built from ink dots
PNG RECOMMENDED

SCRATCHBOARD
White cuts on black
PNG RECOMMENDED

LINOCUT
Bold carved black shapes
SVG RECOMMENDED

OUTPUT QUALITY

ABOUT THIS TOOL

Capabilities, questions operators ask, and related guides for this workspace.

STEP 7 OF 11

Eight photo styles

AI styles redraw the photo.

SVG or PNG recommended, per style.

CLOSE-UP

CHOOSE PHOTO STYLE

AI styles redraw the photo. Use the Prep tab when exact pixels matter.

RETICLE RED · IMAGE LAB AI TUTORIAL

Vectorize — Eight styles, Standard 1K, PNG, SVG and a sized .lbrn2

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77 CR

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**CLASSIC ENGRAVING**
Hatched steel-plate look
PNG RECOMMENDED

**STIPPLE PORTRAIT**
Tone built from ink dots
PNG RECOMMENDED

**SCRATCHBOARD**
White cuts on black
PNG RECOMMENDED

**LINOCUT**
Bold carved black shapes
SVG RECOMMENDED

OUTPUT QUALITY

STANDARD
1K · 8 CR

MAX DETAIL
Up to 4K · 10 CR

Higher quality requests more native generated pixels. Dense Pencil, Stipple and Scratchboard results are usually best downloaded as PNG; their SVG traces can be complex.

☐ REMOVE BACKGROUND OFF
Tracing the whole image as-is — nothing will be removed.

CREATE CLEAN SUBJECT (8 CR)

CANCEL / CHOOSE DIFFERENT IMAGE

Jobs

?

► ABOUT THIS TOOL Capabilities, questions operators ask, and related guides for this workspace.

STEP 8 OF 11

Output quality

Standard 1K · 8 CR, Max Detail up to 4K · 10 CR.

Remove Background: off for a transparent cut-out.

CLOSE-UP



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Vectorize — Eight styles, Standard 1K, PNG, SVG and a sized .lbrn2

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QMY WORK ▼77 CR

Prep
DITHER & CONTRAST
FREEBATCH
PNGZIPLBRN2

Upscale
AI ENHANCE UP TO 4x
1 CR
PNG

Remove BG
ISOLATE SUBJECT · 1
CRBATCH
PNG

Vectorize
PHOTO → SVG · FROM
8 CR
PNGSVGLBRN2

Slice
TILE LARGE ART ·
FREE
PNGZIP

**CLASSIC ENGRAVING**
Hatched steel-plate look
PNG RECOMMENDED

**STIPPLE PORTRAIT**
Tone built from ink dots
PNG RECOMMENDED

**SCRATCHBOARD**
White cuts on black
PNG RECOMMENDED

**LINOCUT**
Bold carved black shapes
SVG RECOMMENDED

OUTPUT QUALITY

STANDARD
1K · 8 CR

MAX DETAIL
Up to 4K · 10 CR

Higher quality requests more native generated pixels. Dense Pencil, Stipple and Scratchboard results are usually best downloaded as PNG; their SVG traces can be complex.

☐ **REMOVE BACKGROUND OFF**
Tracing whole image as-is — nothing will be removed.

 **CREATE CLEAN SUBJECT (8 CR)**

CANCEL / CHOOSE DIFFERENT IMAGE

Jobs



► ABOUT THIS TOOL · Capabilities, questions operators ask, and related guides for this workspace.

STEP 9 OF 11

CREATE CLEAN SUBJECT (8 CR)

Confirm, then wait for the redraw.

CLOSE-UP

 **CREATE CLEAN SUBJECT (8 CR)**

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Vectorize — Eight styles, Standard 1K, PNG, SVG and a sized .lbrn2

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Create ▾

Prep ▾

Make ▾

Learn ▾

Q

MY WORK ▾

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🔔

77 CR +

🔍

Prep
DITHER & CONTRAST
FREE BATCH
PNG ZIP **.LBRN2**

Upscale
AI ENHANCE UP TO 4x
1 CR
PNG

Remove BG
ISOLATE SUBJECT · 1
CR BATCH
PNG

Vectorize
PHOTO → SVG · FROM
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PNG SVG **.LBRN2**

Slice
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STEP 10 OF 11

Review the result

Download PNG for raster engraving, SVG for vector paths.

CLOSE-UP



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Create ▼ Prep ▼ Make ▼ Learn ▼

77 CR

Prep
DITHER & CONTRAST
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Upscale
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ISOLATE SUBJECT · 1
CR BATCH
PNG

Vectorize
PHOTO → SVG · FROM
8 CR
PNG SVG **.LBRN2**

Slice
TILE LARGE ART ·
FREE
PNG ZIP

1:1

✓ PHOTO STYLE READY SVG SOURCE READY ZOOM FULL DETAIL

Drag the divider to see what the trace kept — tap 1:1 to inspect the linework at true pixel scale.

DOWNLOAD PNG
365.0 KB

DOWNLOAD SVG
151.9 KB

 **LIGHTBURN-READY PROJECT** .LBRN2

Opens already sized, on one named layer — no import, scale, or cleanup pass. Set your speed and power in LightBurn and burn.

100.0 × 101.3 mm · 281 shapes · Exceeds 175 × 175 mm bed

FINISHED WIDTH 100 mm LAYER TYPE CUT SCAN

DOWNLOAD .LBRN2

OPEN IN ARMORY NEW IMAGE

Jobs

?

► ABOUT THIS TOOL Capabilities, questions operators ask, and related guides for this workspace.

STEP 11 OF 11

LightBurn-ready project

Finished width in mm, layer type Cut or Scan.

Opens already sized, on one named layer.

CLOSE-UP

LIGHTBURN-READY PROJECT .LBRN2

Opens already sized, on one named layer — no import, scale, or cleanup pass. Set your speed and power in LightBurn and burn.

100.0 × 101.3 mm · 281 shapes · Exceeds 175 × 175 mm bed

FINISHED WIDTH 100 mm LAYER TYPE CUT SCAN

DOWNLOAD .LBRN2

Your photo, redrawn for the laser

Prep → Image Lab

Upscale 1 CR · Remove BG 1 CR · Vectorize from 8 CR. Free account needed.

More tutorials: reticle-red.com/tutorials

Narration: AI voice (ElevenLabs). Screens: the real reticle-red.com.