

Converting Colors

HunterLab(49.8359, 53.9456,
-78.8127)

Have a look what the booklet for
HunterLab(49.8359, 53.9456,
-78.8127) contains.

HunterLab(49.8997, 53.7060, -78.7280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(49.8997, 53.7060,
-78.7280)**

Conversions

Conversions Part 1

Format	Color
Hex	AD63FD
RGB	173, 99, 253
RGB Percent	68%, 39%, 99%
CMY	0.3216, 0.6118, 0.0078
CMYK	0.32, 0.61, 0.00, 0.01
HSL	269°, 97%, 69%
HSV	269°, 61%, 99%
XYZ	39.4251, 24.8998, 95.6568
YIQ	138.6820, -5.3300, 63.5820

Conversions

Conversions Part 2

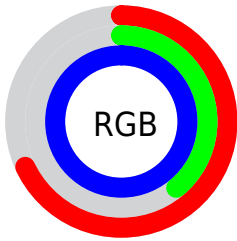
Format	Color
R_{YB}	173, 99, 253
Decimal	11363325
CIE _{Lab}	56.98, 58.33, -65.73
CIE _{LCh}	57, 87.877, 311.589
Yxy	24.9007, 0.2464, 0.1556
Android (android.graphics.Color)	4289553405 (0xFFAD63FD)
YUV	138.6820, 56.3588, 30.0969
Hunter-Lab	49.8997, 53.7060, -78.7280

Details

The HunterLab color **49.8997, 53.7060, -78.7280** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **89.8529, -46.0578, 46.7710**, and the grayscale version is **50.4703, -2.6930, 2.7421**.

A 20% lighter version of the original color is **68.6719, 42.8532, -38.6170**, and **30.8852, 49.3892, -79.2171** is the 20% darker color. If you saturate the color by 10%, you get **44.0557, 63.2048, -96.8100**, and if you desaturate by 10%, it is **56.6044, 43.6701, -61.6942**.

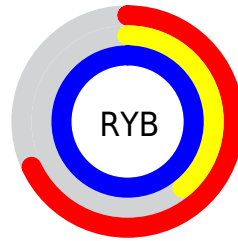
Distribution



Red (68%)

Green (39%)

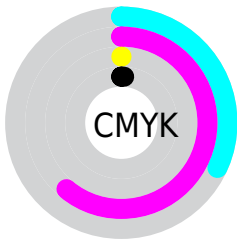
Blue (99%)



Red (68%)

Yellow (39%)

Blue (99%)

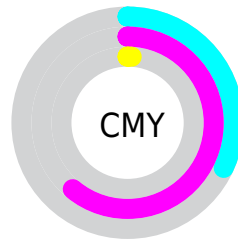


Cyan (32%)

Magenta (61%)

Yellow (0%)

Black (1%)



Cyan (32%)

Magenta (61%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8997, 53.7060, -78.7280 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 49.8997, 53.7060, -78.7280 by changing the saturation by 10% instead.

49.8997, 53.7060,
-78.7280

49.8997, 53.7060,
-78.7280

166.5362, 67.4940,
-85.3960

40.0039, 51.6902,
-78.8310

71.7608, 57.4411,
-79.6289

30.8648, 49.6031,
-79.7036

83.6437, 59.1536,
-80.3512

22.5523, 47.5139,
-82.0331

96.1185, 60.7660,
-81.1556

15.1586, 45.6200,
-87.4510

109.1584, 62.2831,
-82.0020

8.7896, 44.8078,
-101.1733

122.7398, 63.7096,
-82.8640

0.0000, INF, -NF

0.0000, NaN, -NF

136.8420, 65.0506,

-83.7243

0.0000, NaN, -NF

151.4463, 66.3106,
-84.5710

■ 49.8997, 53.7060,
-78.7280

■ 49.8997, 53.7060,
-78.7280

■ 44.0557, 63.2048,
-96.8100

■ 56.6044, 43.6701,
-61.6942

■ 39.2631, 71.2479,
-114.8882

■ 63.9997, 33.5977,
-46.0659

■ 35.6964, 76.5566,
-131.0145

■ 71.9550, 23.7074,
-31.8190

■ 33.4642, 78.5003,
-142.6517

■ 80.3706, 14.0670,
-18.7842

■ 89.1717, 4.6744,
-6.7592

98.3017, -4.5003,
4.4448

99.9359, -5.6869,
6.3475

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49.9006, 12.4037, -118.9570



49.8997, 53.7060, -78.7280



49.9006, 84.0774, -23.6485

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



49.9006, 53.7059, -78.7260



49.9006, 21.7790, 33.6937



49.9006, -54.8854, -12.8347

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



49.8997, 53.7060, -78.7280



89.8529, -46.0578, 46.7710

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



49.9006, -53.7189, 19.6769



49.8997, 53.7060, -78.7280



49.9006, -16.1343, 33.9209

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



49.9006, 53.7059, -78.7260



49.9006, 62.2625, 29.9584



49.9006, -41.5691, 31.4199



49.9006, -45.4170, -66.0662

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49.8997, 53.7060, -78.7280



49.9006, 89.9106, 4.5521



49.9006, -41.5691, 31.4199



49.9006, -55.6284, 0.8078

Sweetspot

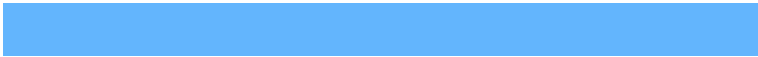
The Sweet Spot groups the original color and five complimentary colors.



49.9006, 53.7059, -78.7260



83.5972, 11.4573, -15.3862



65.4578, -7.0362, -43.9611



37.4974, 6.5887, -8.7976

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.9006, 53.7059, -78.7260



43.3099, 65.6923, -101.6777



59.9569, 76.2529, -53.6154



42.1971, 1.5939, -2.4231



24.5823, 57.4443, -103.0783



8.0807, 18.3840, -30.0149

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



57.4992, 64.2412, -7.4204



53.1361, 75.6503, -5.9462



86.0831, -61.2693, 43.8407



42.5966, 2.5752, 0.9473



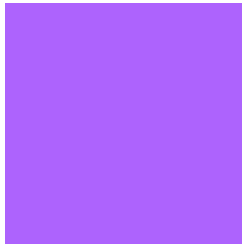
34.6646, 61.9821, 2.1056



10.9183, 19.7095, -0.7869

Previews

White Background



This preview shows how the HunterLab color 49.8997, 53.7060, -78.7280 looks on a white background.

Color Contrast Check

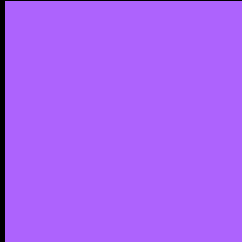
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 49.8997, 53.7060, -78.7280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

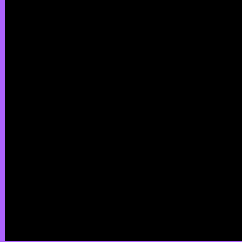
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 49.8997, 53.7060, -78.7280 Background



This preview shows how black text looks on a background with the HunterLab color 49.8997, 53.7060, -78.7280.



This preview shows how white text looks on a background with the HunterLab color 49.8997, 53.7060, -78.7280.

-78.7280.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

49.8997, 53.7060, -78.7280

Protanopia

50.3335, 14.8881, -80.1665

Deuteranopia

50.3180, 4.9599, -70.6968



Tritanopia

49.8308, 5.4760, 0.8186

Trichromacy



Original Color

49.8997, 53.7060, -78.7280

Protanomaly

49.0088, 26.8190, -82.7678

Deuteranomaly

47.8978, 18.8278, -80.0853

Tritanomaly

49.0353, 21.7116, -22.9157

Monochromacy



Original Color

49.8997, 53.7060, -78.7280

Achromatopsia

50.8117, -2.7112, 2.7607

Achromatomaly

49.2848, 15.9169, -21.2982

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8997, 53.7060, -78.7280 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(173, 99, 253)` looks like.

```
.text, #text, p{  
    color:rgb(173, 99, 253)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(173, 99, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 99, 253) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8997, 53.7060, -78.7280 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 99, 253) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(173, 99, 253) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(173, 99, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 99, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 99, 253);  
box-shadow:4px 4px 4px 4px rgb(173, 99,  
253) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8997, 53.7060, -78.7280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 99, 253) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(173, 99,  
253) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor