

# Converting Colors

HunterLab(54.3709, 50.6143,  
-73.4264)

Have a look what the booklet for  
HunterLab(54.3709, 50.6143,  
-73.4264) contains.

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# Color

**HunterLab(54.1497, 48.9478,  
-69.3649)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B772FF
RGB	183, 114, 255
RGB Percent	72%, 45%, 100%
CMY	0.2823, 0.5529, 0.0000
CMYK	0.28, 0.55, 0.00, 0.00
HSL	269°, 100%, 72%
HSV	269°, 55%, 100%
XYZ	43.5957, 29.3219, 97.9697
YIQ	150.7050, -4.1370, 58.4790

# Conversions

## Conversions Part 2

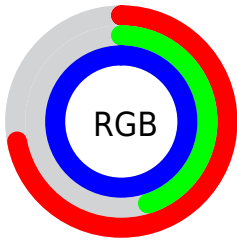
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">183, 114, 255</a>
Decimal	<a href="#">12022527</a>
CIELab	<a href="#">61.07, 53.43, -60.21</a>
CIELCh	<a href="#">61, 80.495, 311.583</a>
Yxy	<a href="#">29.3230, 0.2551, 0.1716</a>
Android (android.graphics.Color)	<a href="#">4290212607</a> <a href="#">(0xFFB772FF)</a>
YUV	<a href="#">150.7050, 51.4174, 28.3227</a>
Hunter-Lab	<a href="#">54.1497, 48.9478, -69.3649</a>

# Details

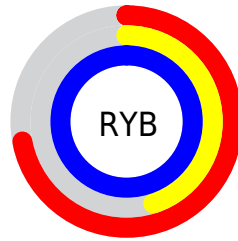
The HunterLab color  $54.1497, 48.9478, -69.3649$  is a light color, and the websafe version is hex  $9966FF$ . A complement of this color would be  $91.1998, -44.0304, 45.0760$ , and the grayscale version is  $55.3116, -2.9513, 3.0052$ .

A 20% lighter version of the original color is  $73.5544, 37.9278, -30.2726$ , and  $34.5139, 45.1311, -68.6856$  is the 20% darker color. If you saturate the color by 10%, you get  $47.7770, 58.9413, -86.9340$ , and if you desaturate by 10%, it is  $61.2946, 38.7124, -53.0666$ .

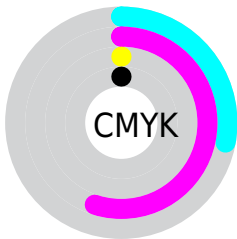
# Distribution



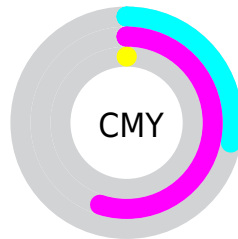
- Red (72%)
- Green (45%)
- Blue (100%)



- Red (72%)
- Yellow (45%)
- Blue (100%)



- Cyan (28%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (55%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.1497, 48.9478, -69.3649 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 54.1497, 48.9478, -69.3649 by changing the saturation by 10% instead.



■ 54.1497, 48.9478,  
-69.3649

■ 54.1497, 48.9478,  
-69.3649

172.8397, 60.9968,  
-76.2073

■ 43.9605, 47.1172,  
-69.0305

■ 76.5440, 52.2830,  
-70.6568

■ 34.5044, 45.1866,  
-69.1458

■ 88.6723, 53.7941,  
-71.4438

■ 25.8445, 43.1849,  
-70.1028

■ 101.3811, 55.2075,  
-72.2627

■ 18.0622, 41.2032,  
-72.7776

114.6450, 56.5289,  
-73.0885

■ 11.2704, 39.5343,  
-79.5156

128.4416, 57.7635,  
-73.9048

■ 3.4347, 74.9044,  
-166.7858

142.7512, 58.9167,

0.0000, INF, -NF

-74.7010

0.0000, NaN, -NF

157.5559, 59.9930,  
-75.4701

0.0000, NaN, -NF

■ 54.1497, 48.9478,  
-69.3649

■ 54.1497, 48.9478,  
-69.3649

■ 47.7770, 58.9413,  
-86.9340

■ 61.2946, 38.7124,  
-53.0666

■ 42.3551, 68.0072,  
-105.1453

■ 69.0603, 28.5736,  
-38.1683

■ 38.0770, 75.0258,  
-122.5381

■ 77.3338, 18.6605,  
-24.5541

■ 35.0741, 78.7226,  
-136.9365

■ 86.0292, 8.9994,  
-12.0339

■ 34.0062, 79.4675,  
-142.6033

■ 95.0815, -0.4284,  
-0.4133

100.0000, -5.3358,  
5.4332

# Harmonies

## Analogous

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



54.1507, 11.1814, -103.5371



54.1497, 48.9478, -69.3649



54.1507, 76.1609, -21.2111

# Triad

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



54.1507, 48.9472, -69.3625



54.1507, 19.8644, 35.2178



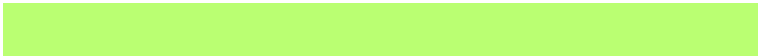
54.1507, -54.0173, -11.4242

# Complementary

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



54.1497, 48.9478, -69.3649



91.1998, -44.0304, 45.0760

# 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.



54.1507, -52.8073, 19.4230



54.1497, 48.9478, -69.3649



54.1507, -15.6608, 35.5569

# Square

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



54.1507, 48.9472, -69.3625



54.1507, 56.6669, 30.4329



54.1507, -40.4729, 32.1885



54.1507, -44.3413, -58.4477



# Rectangle

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



54.1497, 48.9478, -69.3649



54.1507, 81.3483, 4.6738



54.1507, -40.4729, 32.1885



54.1507, -54.7886, 1.1626

# Sweetspot

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



54.1507, 48.9472, -69.3625



84.5180, 10.6312, -14.1023



68.0259, -6.9254, -40.6622



38.2854, 5.8111, -7.6667

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



54.1507, 48.9472, -69.3625



47.3601, 59.6234, -88.2124



63.3027, 70.9509, -48.3617



42.2067, 1.6265, -2.4101



24.7605, 57.6390, -102.1067



8.1346, 18.4462, -29.7469



# Inverse Universe

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



60.6963, 58.8246, -6.9472



55.7055, 69.5639, -6.3407



87.4484, -59.0436, 42.0576



42.5933, 2.5577, 0.9937



34.6182, 61.8133, 2.7683

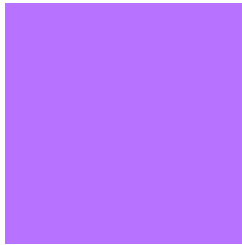


10.9038, 19.6573, -0.5832



# Previews

## White Background



This preview shows how the HunterLab color 54.1497, 48.9478, -69.3649 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

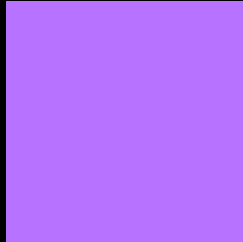
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 54.1497, 48.9478, -69.3649 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

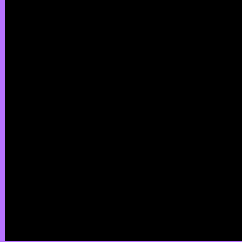
Any Text WCAG AA ✓ Pass

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 54.1497, 48.9478, -69.3649 Background



This preview shows how black text looks on a background with the HunterLab color 54.1497, 48.9478, -69.3649.



This preview shows how white text looks on a background with the HunterLab color 54.1497, 48.9478, -69.3649.

-69.3649.

# 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

54.1497, 48.9478, -69.3649

### Protanopia

54.5050, 12.5352, -69.1083

### Deuteranopia

54.6735, 4.9848, -62.5288



## Tritanopia

54.0456, 6.1619, 0.8222

# Trichromacy



## Original Color

54.1497, 48.9478, -69.3649



## Protanomaly

53.4642, 24.4252, -71.5447



## Deuteranomaly

53.1849, 19.0884, -68.6368



## Tritanomaly

53.4459, 20.3450, -20.1192

# Monochromacy



## Original Color

54.1497, 48.9478, -69.3649



## Achromatopsia

55.6299, -2.9683, 3.0225



## Achromatomaly

54.4404, 14.1696, -18.6388

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 54.1497, 48.9478, -69.3649 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(183, 114, 255)` looks like.

```
.text, #text, p{  
    color:rgb(183, 114, 255)  
}
```

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(183, 114, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 114, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 54.1497, 48.9478, -69.3649 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(183, 114, 255) }
```



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

```
.border{ border-color:rgb(183, 114, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 114, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 114, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 114, 255);  
box-shadow:4px 4px 4px 4px rgb(183, 114,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 54.1497, 48.9478, -69.3649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 114, 255) }
```

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

```
.background{ background-color: rgb(183,  
114, 255) }
```

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](#).

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