

# Converting Colors

HunterLab(52.8336, 32.5723,  
-48.4091)

Have a look what the booklet for  
HunterLab(52.8336, 32.5723,  
-48.4091) contains.

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# Color

**HunterLab(52.9498, 32.3947,  
-48.1804)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A87BE3
RGB	168, 123, 227
RGB Percent	66%, 48%, 89%
CMY	0.3412, 0.5176, 0.1098
CMYK	0.26, 0.46, 0.00, 0.11
HSL	266°, 65%, 69%
HSV	266°, 46%, 89%
XYZ	37.0966, 28.0368, 76.1295
YIQ	148.3110, -6.5640, 41.8840

# Conversions

## Conversions Part 2

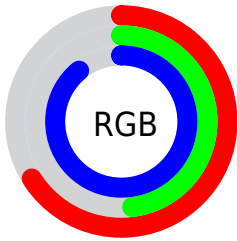
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">168, 123, 227</a>
Decimal	<a href="#">11041763</a>
CIELab	<a href="#">59.92, 38.15, -46.61</a>
CIELCh	<a href="#">60, 60.232, 309.299</a>
Yxy	<a href="#">28.0379, 0.2626, 0.1985</a>
Android (android.graphics.Color)	<a href="#">4289231843 (0xFFA87BE3)</a>
YUV	<a href="#">148.3110, 38.7937, 17.2673</a>
Hunter-Lab	<a href="#">52.9498, 32.3947, -48.1804</a>

# Details

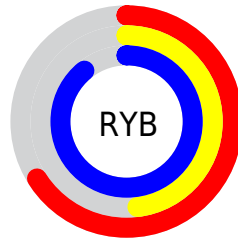
The HunterLab color  $52.9498, 32.3947, -48.1804$  is a light color, and the websafe version is hex  $9966CC$ . A complement of this color would be  $81.4333, -32.1725, 35.9715$ , and the grayscale version is  $54.3955, -2.9024, 2.9554$ .

A 20% lighter version of the original color is  $73.6738, 27.6513, -30.2554$ , and  $33.4904, 29.5656, -47.0543$  is the 20% darker color. If you saturate the color by 10%, you get  $46.5828, 41.0739, -63.0747$ , and if you desaturate by 10%, it is  $59.8513, 23.8803, -34.6939$ .

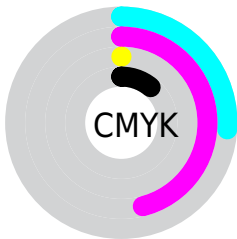
# Distribution



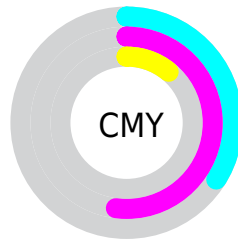
- Red (66%)
- Green (48%)
- Blue (89%)



- Red (66%)
- Yellow (48%)
- Blue (89%)



- Cyan (26%)
- Magenta (46%)
- Yellow (0%)
- Black (11%)



- Cyan (34%)
- Magenta (52%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.9498, 32.3947, -48.1804 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 52.9498, 32.3947, -48.1804 by changing the saturation by 10% instead.



52.9498, 32.3947,  
-48.1804

52.9498, 32.3947,  
-48.1804

171.0696, 39.8294,  
-53.9426

42.8418, 31.0935,  
-47.5549

75.1964, 34.6561,  
-49.6054

33.4733, 29.6684,  
-47.1082

87.2566, 35.6356,  
-50.3256

24.9091, 28.1155,  
-47.0421

99.9004, 36.5248,  
-51.0233

17.2334, 26.4520,  
-47.8237

113.1020, 37.3306,  
-51.6887

10.5643, 24.7749,  
-50.7488

126.8388, 38.0590,  
-52.3158

0.0000, INF, -NF

0.0000, NaN, -NF

141.0907, 38.7152,

-52.9015

0.0000, NaN, -NF

155.8397, 39.3040,  
-53.4440

0.0000, NaN, NaN

■ 52.9498, 32.3947,  
-48.1804

■ 52.9498, 32.3947,  
-48.1804

■ 46.5828, 41.0739,  
-63.0747

■ 59.8513, 23.8803,  
-34.6939

■ 40.8795, 49.6719,  
-79.3437

■ 67.1847, 15.6111,  
-22.4617

■ 36.0075, 57.6295,  
-96.4680

■ 74.8771, 7.5872,  
-11.2735

■ 32.1510, 63.9640,  
-113.0870

■ 82.8732, -0.2211,  
-0.9307

■ 29.4489, 67.4643,  
-126.9875

■ 91.1311, -7.8515,  
8.7355

■ 28.5573, 68.3256,  
-132.0901

■ 98.2482, -13.1882,  
16.4527

■ 99.1595, -9.9599,  
17.4739

# Harmonies

## Analogous

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



52.9508, 5.4279, -68.0303



52.9498, 32.3947, -48.1804



52.9508, 52.0206, -16.6580

# Triad

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



52.9508, 32.3941, -48.1788



52.9508, 15.8719, 30.7493



52.9508, -43.4270, -5.3235

# Complementary

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



52.9498, 32.3947, -48.1804



81.4333, -32.1725, 35.9715

# 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.



52.9508, -41.6990, 16.9964



52.9498, 32.3947, -48.1804



52.9508, -10.6075, 31.5042

# Square

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



52.9508, 32.3941, -48.1788



52.9508, 41.2847, 24.9050



52.9508, -30.7255, 27.9388



52.9508, -36.0064, -36.5604



# Rectangle

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



52.9498, 32.3947, -48.1804



52.9508, 56.4603, 2.3017



52.9508, -30.7255, 27.9388



52.9508, -43.8599, 3.4563

# Sweetspot

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



52.9508, 32.3941, -48.1788



86.9821, 7.1046, -10.7655



66.2575, -10.5986, -24.3893



39.3396, 4.1921, -6.2050

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



52.9508, 32.3941, -48.1788



53.4687, 46.4073, -71.1483



58.8810, 48.4200, -36.0484



37.6704, 1.2275, -2.1760



21.9594, 52.3350, -99.9866



6.4059, 14.7014, -24.7832



# Inverse Universe

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



58.2023, 42.9205, -8.4681



61.1340, 59.7811, -10.9617



78.2609, -44.5628, 33.2466



38.0845, 2.3336, 0.6382



32.3558, 58.3301, -1.7261

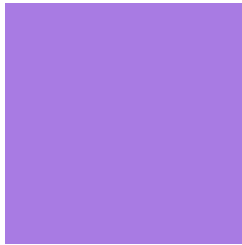


8.9005, 16.2352, -1.9454



# Previews

## White Background



This preview shows how the HunterLab color 52.9498, 32.3947, -48.1804 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

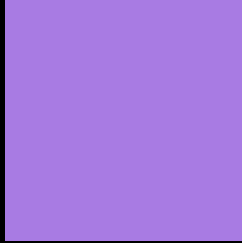
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 52.9498, 32.3947, -48.1804 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

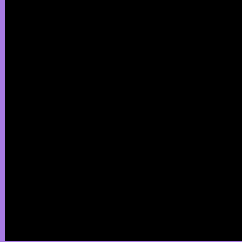
Any Text WCAG AA ✓ Pass

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 52.9498, 32.3947, -48.1804 Background



This preview shows how black text looks on a background with the HunterLab color 52.9498, 32.3947, -48.1804.



This preview shows how white text looks on a background with the HunterLab color 52.9498, 32.3947, -48.1804.

-48.1804.

# 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

52.9498, 32.3947, -48.1804

### Protanopia

53.1860, 11.1978, -61.5565

### Deuteranopia

53.1766, 4.6834, -44.9888



## Tritanopia

52.7831, 3.3011, -0.3050

# Trichromacy



## Original Color

52.9498, 32.3947, -48.1804



## Protanomaly

52.4639, 17.9770, -57.9026



## Deuteranomaly

52.5160, 14.0113, -47.0120



## Tritanomaly

52.6078, 12.9842, -15.4209

# Monochromacy



## Original Color

52.9498, 32.3947, -48.1804



## Achromatopsia

54.4186, -2.9036, 2.9567



## Achromatomaly

53.4866, 8.8065, -12.9958

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 52.9498, 32.3947, -48.1804 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(168, 123, 227)` looks like.

```
.text, #text, p{  
    color:rgb(168, 123, 227)  
}
```

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(168, 123, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 123, 227) }
```

## Border

The CSS property to change the border of an element to HunterLab 52.9498, 32.3947, -48.1804 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(168, 123, 227) }
```



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

```
.border{ border-color:rgb(168, 123, 227) }
```

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

Here you see how a box with a 4 pixel rgb(168, 123, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 123, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 123, 227);  
box-shadow:4px 4px 4px 4px rgb(168, 123,  
227) }
```

# Background

The CSS property to change the background color of an element to HunterLab 52.9498, 32.3947, -48.1804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 123, 227) }
```

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

```
.background{ background-color: rgb(168,  
123, 227) }
```

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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