

Converting Colors

HunterLab(56.5424, 37.0545,
-48.5512)

Have a look what the booklet for
HunterLab(56.5424, 37.0545,
-48.5512) contains.

HunterLab(56.4509, 37.2191, -48.7139)	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(56.4509, 37.2191,
-48.7139)**

Conversions

Conversions Part 1

Format	Color
Hex	B980ED
RGB	185, 128, 237
RGB Percent	73%, 50%, 93%
CMY	0.2745, 0.4980, 0.0706
CMYK	0.22, 0.46, 0.00, 0.07
HSL	271°, 75%, 72%
HSV	271°, 46%, 93%
XYZ	43.0128, 31.8670, 84.0047
YIQ	157.4690, -1.0170, 45.9830

Conversions

Conversions Part 2

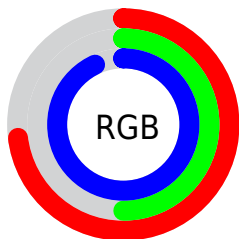
Format	Color
RYB	185, 128, 237
Decimal	12157165
CIELab	63.23, 42.35, -46.82
CIELCh	63, 63.137, 312.130
Yxy	31.8683, 0.2707, 0.2006
Android (android.graphics.Color)	4290347245 (0xFFB980ED)
YUV	157.4690, 39.2088, 24.1447
Hunter-Lab	56.4509, 37.2191, -48.7139

Details

The HunterLab color $56.4509, 37.2191, -48.7139$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $84.7531, -36.6860, 37.2949$, and the grayscale version is $58.1036, -3.1003, 3.1569$.

A 20% lighter version of the original color is $77.2856, 30.4424, -24.4228$, and $36.4843, 34.2356, -47.9613$ is the 20% darker color. If you saturate the color by 10%, you get $50.0401, 46.7506, -63.2788$, and if you desaturate by 10%, it is $63.4445, 27.7098, -35.2954$.

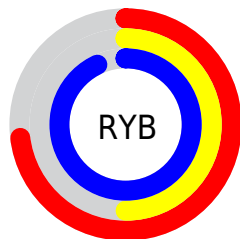
Distribution



Red (73%)

Green (50%)

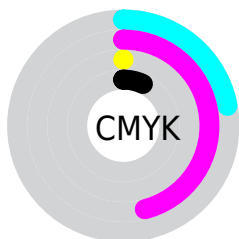
Blue (93%)



Red (73%)

Yellow (50%)

Blue (93%)

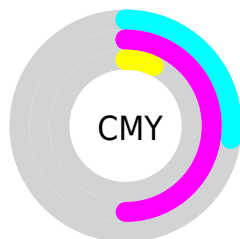


Cyan (22%)

Magenta (46%)

Yellow (0%)

Black (7%)



Cyan (27%)

Magenta (50%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.4509, 37.2191, -48.7139 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 56.4509, 37.2191, -48.7139 by changing the saturation by 10% instead.

■ 56.4509, 37.2191,
-48.7139

■ 56.4509, 37.2191,
-48.7139

176.2155, 45.7450,
-54.4328

■ 46.1096, 35.7956,
-48.0561

■ 79.1231, 39.7290,
-50.1542

■ 36.4895, 34.2526,
-47.5397

■ 91.3796, 40.8328,
-50.8710

■ 27.6509, 32.5894,
-47.3241

■ 104.2108, 41.8454,
-51.5620

■ 19.6700, 30.8266,
-47.7629

117.5920, 42.7733,
-52.2188

■ 12.6515, 29.0575,
-49.7667

131.5014, 43.6224,
-52.8364

■ 5.9834, 34.1082,
-64.8252

145.9198, 44.3977,

0.0000, INF, -NF

-53.4120

0.0000, NaN, -NF

160.8297, 45.1039,
-53.9443

0.0000, NaN, -NF

■ 56.4509, 37.2191,
-48.7139

■ 56.4509, 37.2191,
-48.7139

■ 50.0401, 46.7506,
-63.2788

■ 63.4445, 27.7098,
-35.2954

■ 44.3428, 55.9602,
-78.8254

■ 70.9126, 18.3735,
-22.9717

■ 39.5202, 64.1834,
-94.7257

■ 78.7762, 9.2520,
-11.5988

■ 35.7346, 70.4027,
-109.6833

■ 86.9745, 0.3392,
-1.0189

■ 33.0856, 73.5378,
-121.9042

■ 95.4609, -8.3908,
8.9130

■ 32.2411, 74.1781,
-126.1741

■ 99.2407, -9.1011,
13.1250

■ 99.4457, -8.3810,
13.3626

Harmonies

Analogous

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



56.4520, 8.5858, -72.0115



56.4509, 37.2191, -48.7139



56.4520, 56.9561, -14.7351

Triad

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



56.4520, 37.2182, -48.7121



56.4520, 14.2262, 33.1119



56.4520, -46.1259, -8.6095

Complementary

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



56.4509, 37.2191, -48.7139



84.7531, -36.6860, 37.2949

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.



56.4520, -45.1965, 16.4830



56.4509, 37.2191, -48.7139



56.4520, -13.7489, 33.5140

Square

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



56.4520, 37.2182, -48.7121



56.4520, 42.0254, 27.5459



56.4520, -34.4110, 29.1696



56.4520, -37.2541, -42.4175

Rectangle

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



56.4509, 37.2191, -48.7139



56.4520, 60.4752, 4.9189



56.4520, -34.4110, 29.1696



56.4520, -46.8935, 1.1622

Sweetspot

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



56.4520, 37.2182, -48.7121



87.2992, 8.1628, -10.3174



66.0484, -5.7288, -31.3245



39.5100, 4.7562, -5.9586

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.4520, 37.2182, -48.7121



54.8887, 50.0072, -67.4964



62.8114, 53.9604, -34.6738



38.6477, 1.5672, -2.1187



23.9874, 54.9954, -92.3763



7.1348, 15.8925, -23.8689

Inverse Universe

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



60.6129, 43.7745, -4.1226



60.6859, 57.7825, -4.6509



81.7099, -48.6103, 34.2198



38.9535, 2.2385, 1.0789



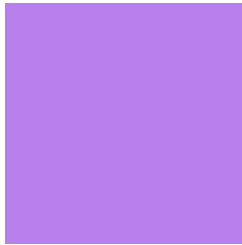
32.4156, 57.6038, 4.7357



9.1894, 16.5268, -0.1835

Previews

White Background



This preview shows how the HunterLab color 56.4509, 37.2191, -48.7139 looks on a white background.

Color Contrast Check

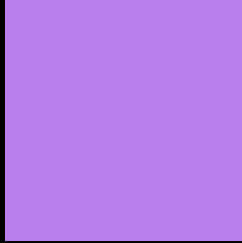
Large Text (above 18pt) WCAG AA × Fail

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 56.4509, 37.2191, -48.7139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

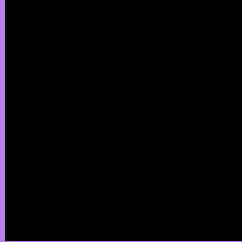
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 56.4509, 37.2191, -48.7139 Background



This preview shows how black text looks on a background with the HunterLab color 56.4509, 37.2191, -48.7139.



This preview shows how white text looks on a background with the HunterLab color 56.4509, 37.2191, -48.7139.

-48.7139.

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

56.4509, 37.2191, -48.7139

Protanopia

56.8750, 11.5286, -63.3769

Deuteranopia

56.8521, 4.6194, -44.5047



Tritanopia

56.3889, 7.2494, 0.8615

Trichromacy



Original Color

56.4509, 37.2191, -48.7139



Protanomaly

56.0729, 19.4428, -59.0099



Deuteranomaly

56.1692, 15.5015, -47.2843



Tritanomaly

56.0359, 17.6768, -14.9054

Monochromacy



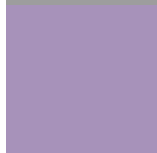
Original Color

56.4509, 37.2191, -48.7139



Achromatopsia

58.0658, -3.0982, 3.1548



Achromatomaly

56.8493, 10.6550, -13.2320

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.4509, 37.2191, -48.7139 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(185, 128, 237)` looks like.

```
.text, #text, p{  
    color:rgb(185, 128, 237)  
}
```

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(185, 128, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 128, 237) }
```

Border

The CSS property to change the border of an element to HunterLab 56.4509, 37.2191, -48.7139 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(185, 128, 237) }
```


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

```
.border{ border-color:rgb(185, 128, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 128, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 128, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 128, 237);  
box-shadow:4px 4px 4px 4px rgb(185, 128,  
237) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.4509, 37.2191, -48.7139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 128, 237) }
```

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

```
.background{ background-color: rgb(185,  
128, 237) }
```

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