

Converting Colors

HunterLab(49.8509, 20.3974,
-46.2334)

Have a look what the booklet for
HunterLab(49.8509, 20.3974,
-46.2334) contains.

HunterLab(49.6906, 20.5169, -46.5378)	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(49.6906, 20.5169,
-46.5378)**

Conversions

Conversions Part 1

Format	Color
Hex	897CD8
RGB	137, 124, 216
RGB Percent	54%, 49%, 85%
CMY	0.4627, 0.5137, 0.1529
CMYK	0.37, 0.43, 0.00, 0.15
HSL	248°, 54%, 67%
HSV	248°, 43%, 85%
XYZ	29.9189, 24.6916, 68.1548
YIQ	138.3750, -21.7840, 31.3680

Conversions

Conversions Part 2

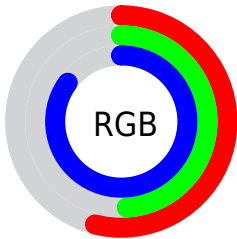
Format	Color
R _Y B	137, 124, 216
Decimal	9010392
CIE Lab	56.77, 26.45, -45.61
CIE LCh	57, 52.723, 300.105
Yxy	24.6925, 0.2437, 0.2011
Android (android.graphics.Color)	4287200472 (0xFF897CD8)
YUV	138.3750, 38.2691, -1.2059
Hunter-Lab	49.6906, 20.5169, -46.5378

Details

The HunterLab color **49.6906, 20.5169, -46.5378** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **79.5386, -20.6480, 34.4349**, and the grayscale version is **50.4225, -2.6904, 2.7395**.

A 20% lighter version of the original color is **70.7119, 17.0219, -35.4557**, and **30.7317, 18.9189, -45.7839** is the 20% darker color. If you saturate the color by 10%, you get **42.9226, 27.6835, -62.8061**, and if you desaturate by 10%, it is **56.9355, 13.9675, -32.3249**.

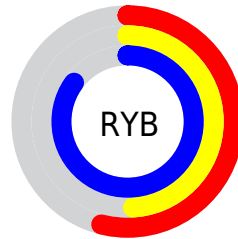
Distribution



Red (54%)

Green (49%)

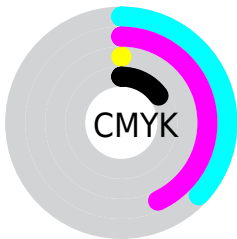
Blue (85%)



Red (54%)

Yellow (49%)

Blue (85%)

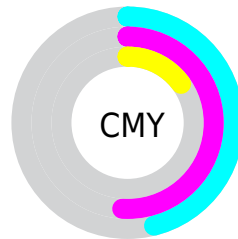


Cyan (37%)

Magenta (43%)

Yellow (0%)

Black (15%)



Cyan (46%)

Magenta (51%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6906, 20.5169, -46.5378 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 49.6906, 20.5169, -46.5378 by changing the saturation by 10% instead.

■ 49.6906, 20.5169,
-46.5378

■ 49.6906, 20.5169,
-46.5378

166.2236, 24.2282,
-52.2355

■ 39.8096, 19.6759,
-45.9399

■ 71.5247, 21.8820,
-47.9394

■ 30.6867, 18.7116,
-45.5492

■ 83.3953, 22.4278,
-48.6532

■ 22.3919, 17.6081,
-45.6085

■ 95.8583, 22.8938,
-49.3456

■ 15.0182, 16.3531,
-46.7076

108.8869, 23.2866,
-50.0058

■ 8.6602, 15.1708,
-50.9152

122.4575, 23.6119,
-50.6275

0.0000, INF, -NF

0.0000, NaN, -NF

136.5492, 23.8745,

-51.2074

0.0000, NaN, -NF

151.1435, 24.0788,
-51.7436

0.0000, NaN, NaN

■ 49.6906, 20.5169,
-46.5378

■ 49.6906, 20.5169,
-46.5378

■ 42.9226, 27.6835,
-62.8061

■ 56.9355, 13.9675,
-32.3249

■ 36.7662, 35.5166,
-81.4892

■ 64.5597, 7.9236,
-19.7432

■ 31.4197, 43.8306,
-102.4654

■ 72.4977, 2.2738,
-8.4180

■ 27.1467, 51.8684,
-124.2543

■ 80.7017, -3.0750,
1.9447

■ 24.2279, 58.0224,
-143.0389

■ 89.1364, -8.1958,
11.5689

■ 22.8952, 60.8628,
-153.0650

■ 97.7747, -13.1444,
20.6231

■ 98.8625, -11.6037,
21.7538

Harmonies

Analogous

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



49.6915, -2.5758, -57.1054



49.6906, 20.5169, -46.5378



49.6915, 39.8305, -21.9655

Triad

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



49.6915, 20.5167, -46.5364



49.6915, 20.3575, 26.5424



49.6915, -38.4192, 2.6303

Complementary

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



49.6906, 20.5169, -46.5378



79.5386, -20.6480, 34.4349

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.



49.6915, -34.3985, 18.9333



49.6906, 20.5169, -46.5378



49.6915, -2.7323, 28.5313

Square

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



49.6915, 20.5167, -46.5364



49.6915, 39.7278, 19.0137



49.6915, -22.2296, 26.5123



49.6915, -34.3414, -22.1543

Rectangle

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



49.6906, 20.5169, -46.5378



49.6915, 46.5401, -4.7577



49.6915, -22.2296, 26.5123



49.6915, -37.9803, 9.1639

Sweetspot

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



49.6915, 20.5167, -46.5364



86.9703, 3.0957, -10.8518



72.3206, -22.3126, -9.0877



39.2371, 2.1208, -6.3842

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.6915, 20.5167, -46.5364



52.6722, 32.4058, -73.4707



54.1771, 33.5454, -37.1265



34.7736, 0.2531, -2.3321



17.6933, 46.8855, -117.1328



4.6533, 11.7725, -26.4781

Inverse Universe

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



57.7293, 42.1543, -21.7166



64.8127, 62.2833, -32.0009



76.0327, -33.8848, 31.3874



35.4980, 2.6148, -0.6674



32.7696, 62.5190, -28.4376



8.1004, 15.5385, -7.6826

Previews

White Background



This preview shows how the HunterLab color 49.6906, 20.5169, -46.5378 looks on a white background.

Color Contrast Check

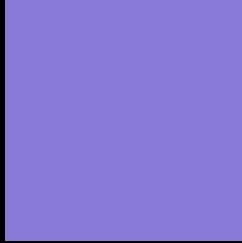
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.6906, 20.5169, -46.5378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

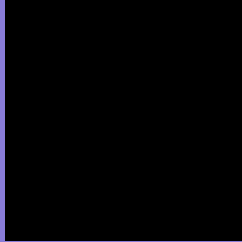
Any Text WCAG AA ✓ Pass

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 49.6906, 20.5169, -46.5378 Background



This preview shows how black text looks on a background with the HunterLab color 49.6906, 20.5169, -46.5378.



This preview shows how white text looks on a background with the HunterLab color 49.6906, 20.5169, -46.5378.

-46.5378.

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

49.6906, 20.5169, -46.5378

Protanopia

49.8092, 9.5491, -53.0849

Deuteranopia

49.8451, 4.2098, -44.0911



Tritanopia

49.8044, -5.5723, -3.7579

Trichromacy



Original Color

49.6906, 20.5169, -46.5378

Protanomaly

49.6955, 13.0444, -50.7631

Deuteranomaly

49.6715, 9.4529, -45.1647

Tritanomaly

49.6167, 2.8132, -17.2286

Monochromacy



Original Color

49.6906, 20.5169, -46.5378

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

49.9315, 4.6797, -11.9887

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6906, 20.5169, -46.5378 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(137, 124, 216)` looks like.

```
.text, #text, p{  
    color:rgb(137, 124, 216)  
}
```

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(137, 124, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 124, 216) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6906, 20.5169, -46.5378 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(137, 124, 216) }
```


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

```
.border{ border-color:rgb(137, 124, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 124, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 124, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 124, 216);  
box-shadow:4px 4px 4px 4px rgb(137, 124,  
216) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6906, 20.5169, -46.5378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 124, 216) }
```

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

```
.background{ background-color: rgb(137,  
124, 216) }
```

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