

Converting Colors

HunterLab(47.6055, 49.8799,
-45.0004)

Have a look what the booklet for
HunterLab(47.6055, 49.8799,
-45.0004) contains.

HunterLab(47.6412, 49.9580, -44.8400)	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(47.6412, 49.9580,
-44.8400)**

Conversions

Conversions Part 1

Format	Color
Hex	BA5CD1
RGB	186, 92, 209
RGB Percent	73%, 36%, 82%
CMY	0.2706, 0.6392, 0.1804
CMYK	0.11, 0.56, 0.00, 0.18
HSL	288°, 56%, 59%
HSV	288°, 56%, 82%
XYZ	35.5855, 22.6968, 62.8270
YIQ	133.4440, 18.4670, 56.3150

Conversions

Conversions Part 2

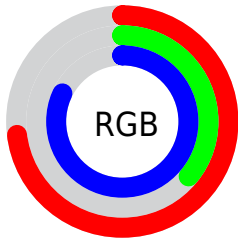
Format	Color
RYB	186, 92, 209
Decimal	12213457
CIELab	54.76, 55.37, -44.51
CIELCh	55, 71.042, 321.210
Yxy	22.6978, 0.2938, 0.1874
Android (android.graphics.Color)	4290403537 (0xFFBA5CD1)
YUV	133.4440, 37.2491, 46.0916
Hunter-Lab	47.6412, 49.9580, -44.8400

Details

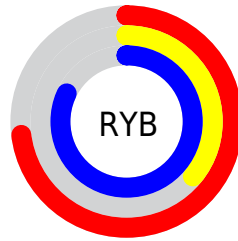
The HunterLab color **47.6412, 49.9580, -44.8400** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **70.7241, -43.4995, 34.3293**, and the grayscale version is **48.4593, -2.5857, 2.6329**.

A 20% lighter version of the original color is **68.5645, 50.8911, -38.6705**, and **28.9863, 45.9572, -43.8674** is the 20% darker color. If you saturate the color by 10%, you get **43.6524, 58.6917, -54.0052**, and if you desaturate by 10%, it is **52.3008, 40.4385, -35.4477**.

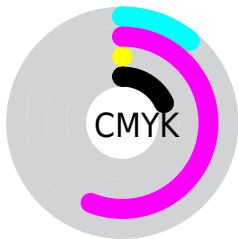
Distribution



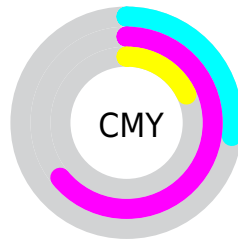
- Red (73%)
- Green (36%)
- Blue (82%)



- Red (73%)
- Yellow (36%)
- Blue (82%)



- Cyan (11%)
- Magenta (56%)
- Yellow (0%)
- Black (18%)



- Cyan (27%)
- Magenta (64%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.6412, 49.9580, -44.8400 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 47.6412, 49.9580, -44.8400 by changing the saturation by 10% instead.

47.6412, 49.9580,
-44.8400

47.6412, 49.9580,
-44.8400

163.1469, 63.0880,
-50.4364

37.9085, 48.0041,
-44.2545

69.2074, 53.5537,
-46.2234

28.9462, 45.9746,
-43.8879

80.9549, 55.1936,
-46.9279

20.8286, 43.9384,
-44.0064

93.3009, 56.7323,
-47.6102

13.6548, 42.1077,
-45.2823

106.2175, 58.1749,
-48.2592

7.2590, 44.1289,
-52.4742

119.6806, 59.5267,
-48.8689

0.0000, INF, -NF

0.0000, NaN, -NF

133.6689, 60.7930,

-49.4359

0.0000, NaN, -NF

148.1634, 61.9786,
-49.9586

0.0000, NaN, NaN

■ 47.6412, 49.9580,
-44.8400

■ 47.6412, 49.9580,
-44.8400

■ 43.6524, 58.6917,
-54.0052

■ 52.3008, 40.4385,
-35.4477

■ 40.4249, 66.0023,
-62.4073

■ 57.5308, 30.5992,
-26.1807

■ 38.0246, 71.1842,
-69.3803

■ 63.2441, 20.7223,
-17.2171

■ 36.4471, 73.7605,
-74.3784

■ 69.3661, 10.9586,
-8.6247

■ 35.9431, 74.3610,
-76.0542

■ 75.8360, 1.3748,
-0.4069

■ 82.6048, -8.0107,
7.4641

■ 89.6331, -17.2050,
15.0288

■ 95.4795, -24.1783,
20.9525

■ 95.8165, -22.9411,
21.3136

Harmonies

Analogous

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



47.6422, 19.6605, -79.6091



47.6412, 49.9580, -44.8400



47.6422, 67.1084, -6.3692

Triad

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



47.6422, 49.9566, -44.8382



47.6422, 6.3970, 30.9964



47.6422, -44.5937, -21.2286

Complementary

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



47.6412, 49.9580, -44.8400



70.7241, -43.4995, 34.3293

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.



47.6422, -46.5000, 10.0946



47.6412, 49.9580, -44.8400



47.6422, -21.3056, 30.4115

Square

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



47.6422, 49.9566, -44.8382



47.6422, 38.2533, 28.3402



47.6422, -39.0601, 25.4670



47.6422, -33.0163, -61.1705

Rectangle

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



47.6412, 49.9580, -44.8400



47.6422, 66.4822, 11.9010



47.6422, -39.0601, 25.4670



47.6422, -46.2539, -9.0795

Sweetspot

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



47.6422, 49.9566, -44.8382



85.9137, 15.1998, -12.0841



43.8551, 13.2039, -54.2980



39.0146, 8.1765, -6.5899

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.6422, 49.9566, -44.8382



53.8715, 75.2980, -69.6101



49.2570, 50.6097, -16.9024



34.4772, 2.1740, -1.4922



28.2970, 58.4897, -59.4680



6.9167, 14.1395, -13.3164

Inverse Universe

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



47.3796, 42.2283, 9.6363



53.7826, 64.1141, 15.4592



70.2935, -44.1612, 25.5760



34.4176, 1.4986, 2.1081



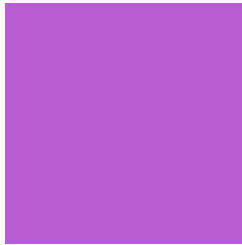
29.1000, 50.2135, 15.8662



6.9634, 12.1775, 2.5430

Previews

White Background



This preview shows how the HunterLab color 47.6412, 49.9580, -44.8400 looks on a white background.

Color Contrast Check

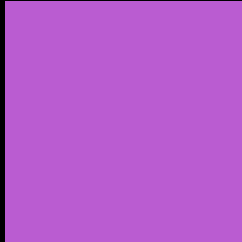
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.6412, 49.9580, -44.8400 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 47.6412, 49.9580, -44.8400 Background



This preview shows how black text looks on a background with the HunterLab color 47.6412, 49.9580, -44.8400.



This preview shows how white text looks on a background with the HunterLab color 47.6412, 49.9580, -44.8400.

-44.8400.

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

47.6412, 49.9580, -44.8400

Protanopia

48.2344, 13.6348, -73.2981

Deuteranopia

47.9413, 3.9759, -39.4936



Tritanopia

47.6342, 18.4223, 6.3503

Trichromacy



Original Color

47.6412, 49.9580, -44.8400



Protanomaly

46.4242, 23.9297, -66.5848



Deuteranomaly

46.6878, 19.3607, -44.2401



Tritanomaly

47.2371, 28.6229, -8.7641

Monochromacy



Original Color

47.6412, 49.9580, -44.8400



Achromatopsia

48.4304, -2.5841, 2.6313



Achromatomaly

47.1227, 15.4939, -13.1164

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.6412, 49.9580, -44.8400 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(186, 92, 209)` looks like.

```
.text, #text, p{  
    color:rgb(186, 92, 209)  
}
```

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(186, 92, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 92, 209) }
```

Border

The CSS property to change the border of an element to HunterLab 47.6412, 49.9580, -44.8400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

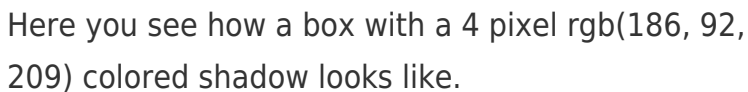
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 92, 209) }
```


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

```
.border{ border-color:rgb(186, 92, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 92, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 92, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 92, 209); box-shadow:4px 4px 4px 4px rgb(186, 92, 209) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.6412, 49.9580, -44.8400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 92, 209) }
```

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

```
.background{ background-color: rgb(186, 92,  
209) }
```

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