

# Converting Colors

HunterLab(46.8387, 47.2168,  
-40.2595)

Have a look what the booklet for  
HunterLab(46.8387, 47.2168,  
-40.2595) contains.

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# Color

**HunterLab(46.8387, 47.2168,  
-40.2595)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B75CC9
RGB	183, 92, 201
RGB Percent	72%, 36%, 79%
CMY	0.2823, 0.6392, 0.2118
CMYK	0.09, 0.54, 0.00, 0.21
HSL	290°, 50%, 57%
HSV	290°, 54%, 79%
XYZ	33.8982, 21.9386, 57.7063
YIQ	131.6350, 19.2470, 53.1910

# Conversions

## Conversions Part 2

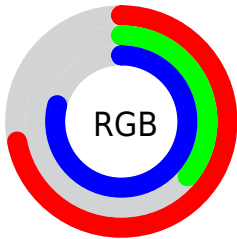
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 92, 201
Decimal	12016841
CIE <sub>Lab</sub>	53.96, 53.02, -41.23
CIE <sub>LCh</sub>	54, 67.163, 322.133
Yxy	21.9396, 0.2986, 0.1932
Android (android.graphics.Color)	4290206921 (0xFFB75CC9)
YUV	131.6350, 34.1969, 45.0471
Hunter-Lab	46.8387, 47.2168, -40.2595

# Details

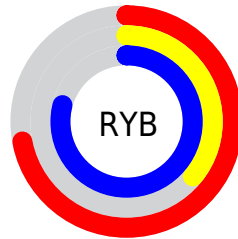
The HunterLab color  $46.8387, 47.2168, -40.2595$  is a light color, and the websafe version is hex  $CC66CC$ . The color can be described as light muted purple. A complement of this color would be  $67.7211, -41.4159, 32.1389$ , and the grayscale version is  $47.7565, -2.5482, 2.5947$ .

A 20% lighter version of the original color is  $68.1752, 49.8445, -39.3958$ , and  $28.2375, 43.0902, -38.9450$  is the 20% darker color. If you saturate the color by 10%, you get  $43.0170, 55.8551, -48.6778$ , and if you desaturate by 10%, it is  $51.2911, 37.8785, -31.6079$ .

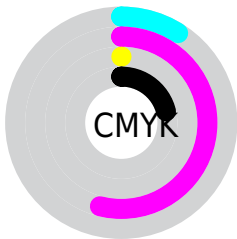
# Distribution



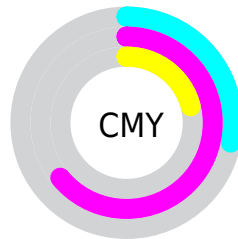
- Red (72%)
- Green (36%)
- Blue (79%)



- Red (72%)
- Yellow (36%)
- Blue (79%)



- Cyan (9%)
- Magenta (54%)
- Yellow (0%)
- Black (21%)



- Cyan (28%)
- Magenta (64%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.8387, 47.2168, -40.2595 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 46.8387, 47.2168, -40.2595 by changing the saturation by 10% instead.



46.8387, 47.2168,  
-40.2595

46.8387, 47.2168,  
-40.2595

161.9354, 59.7296,  
-45.4229

37.1652, 45.3243,  
-39.6471

68.2980, 50.6780,  
-41.6120

28.2673, 43.3480,  
-39.2011

79.9965, 52.2483,  
-42.2770

20.2208, 41.3504,  
-39.1482

92.2958, 53.7170,  
-42.9101

13.1277, 39.5316,  
-40.0742

105.1679, 55.0898,  
-43.5034

6.6235, 43.5216,  
-48.0999

118.5883, 56.3722,  
-44.0528

0.0000, INF, -NF

0.0000, NaN, -NF

132.5355, 57.5698,

-44.5561

0.0000, NaN, NaN

146.9902, 58.6873,  
-45.0128

0.0000, NaN, NaN

■ 46.8387, 47.2168,  
-40.2595

■ 46.8387, 47.2168,  
-40.2595

■ 43.0170, 55.8551,  
-48.6778

■ 51.2911, 37.8785,  
-31.6079

■ 39.9101, 63.2103,  
-56.3928

■ 56.2814, 28.2659,  
-23.0375

■ 37.5813, 68.6241,  
-62.8200

■ 61.7289, 18.6366,  
-14.7121

■ 36.0360, 71.6073,  
-67.4582

■ 67.5643, 9.1289,  
-6.6987

■ 35.3850, 72.5152,  
-69.5163

■ 73.7308, -0.1961,  
0.9933

■ 80.1821, -9.3222,  
8.3840

■ 86.8812, -18.2568,  
15.5061

■ 93.7980, -27.0182,  
22.3957

■ 94.7968, -27.1065,  
23.3777

# Harmonies

## Analogous

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



46.8397, 19.2277, -72.5164



46.8387, 47.2168, -40.2595



46.8397, 62.5513, -4.9042

# Triad

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



46.8397, 47.2154, -40.2578



46.8397, 4.9897, 30.0606



46.8397, -42.2362, -20.7506

# Complementary

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



46.8387, 47.2168, -40.2595



67.7211, -41.4159, 32.1389

# 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.



46.8397, -44.3475, 8.9497



46.8387, 47.2168, -40.2595



46.8397, -20.8742, 29.3543

# Square

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



46.8397, 47.2154, -40.2578



46.8397, 34.7490, 27.4646



46.8397, -37.4798, 24.1644



46.8397, -30.8412, -57.4176



# Rectangle

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



46.8387, 47.2168, -40.2595



46.8397, 61.5313, 11.9715



46.8397, -37.4798, 24.1644



46.8397, -43.9291, -9.3569

# Sweetspot

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



46.8397, 47.2154, -40.2578



86.8441, 14.4118, -10.8252



42.0490, 13.6542, -51.7664



39.4317, 7.8651, -6.0128

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



46.8397, 47.2154, -40.2578



55.5337, 74.8458, -65.4772



47.7254, 46.1755, -13.8102



32.7484, 2.1272, -1.3596



28.1190, 57.5839, -54.9251



6.3138, 12.8010, -11.3342



# Inverse Universe

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



46.0418, 38.5633, 10.0482



54.5178, 61.8251, 16.5001



67.5400, -40.9719, 22.8710



32.6574, 1.3567, 2.1174



28.0830, 48.3740, 15.9688

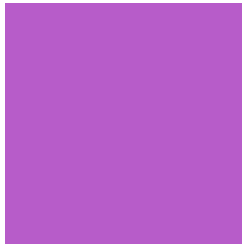


6.1856, 10.8018, 2.3780



# Previews

## White Background



This preview shows how the HunterLab color 46.8387, 47.2168, -40.2595 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

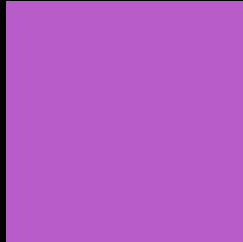
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 46.8387, 47.2168, -40.2595 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

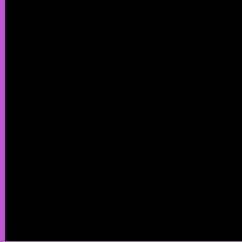
Any Text WCAG AA ✓ Pass

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 46.8387, 47.2168, -40.2595 Background



This preview shows how black text looks on a background with the HunterLab color 46.8387, 47.2168, -40.2595.



This preview shows how white text looks on a background with the HunterLab color 46.8387, 47.2168, -40.2595.

-40.2595.

# 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

46.8387, 47.2168, -40.2595

### Protanopia

47.3394, 12.3679, -66.2298

### Deuteranopia

47.1680, 3.4872, -35.0300



## Tritanopia

46.8630, 18.4309, 6.3134

# Trichromacy



## Original Color

46.8387, 47.2168, -40.2595

## Protanomaly

45.8661, 22.4947, -59.7713

## Deuteranomaly

46.1171, 18.1087, -39.1777

## Tritanomaly

46.4061, 28.2642, -7.7750

# Monochromacy



## Original Color

46.8387, 47.2168, -40.2595

## Achromatopsia

48.0354, -2.5630, 2.6099

## Achromatomaly

46.6221, 14.9302, -11.5758

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 46.8387, 47.2168, -40.2595 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, 92, 201)` looks like.

```
.text, #text, p{  
    color:rgb(183, 92, 201)  
}
```

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, 92, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 92, 201) }
```

## Border

The CSS property to change the border of an element to HunterLab 46.8387, 47.2168, -40.2595 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, 92, 201) }
```



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

```
.border{ border-color:rgb(183, 92, 201) }
```

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

Here you see how a box with a 4 pixel rgb(183, 92, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 92, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 92, 201);  
box-shadow:4px 4px 4px 4px rgb(183, 92,  
201) }
```

# Background

The CSS property to change the background color of an element to HunterLab 46.8387, 47.2168, -40.2595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 92, 201) }
```

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

```
.background{ background-color: rgb(183, 92,  
201) }
```

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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