

Converting Colors

HunterLab(49.4751, 58.7442,
-45.9821)

Have a look what the booklet for
HunterLab(49.4751, 58.7442,
-45.9821) contains.

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Color

**HunterLab(49.4913, 58.5292,
-46.3073)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CA58D8 |
| RGB | 202, 88, 216 |
| RGB Percent | 79%, 35%, 85% |
| CMY | 0.2078, 0.6549, 0.1529 |
| CMYK | 0.06, 0.59, 0.00, 0.15 |
| HSL | 293°, 62%, 60% |
| HSV | 293°, 59%, 85% |
| XYZ | 40.2415, 24.4939, 67.5726 |
| YIQ | 136.6780, 26.8560, 63.9760 |

Conversions

Conversions Part 2

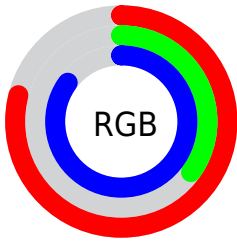
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 202, 88, 216 |
| Decimal | 13261016 |
| CIE _{Lab} | 56.58, 62.61, -45.46 |
| CIE _{LCh} | 57, 77.368, 324.017 |
| Y _{xy} | 24.4950, 0.3042, 0.1851 |
| Android (android.graphics.Color) | 4291451096 (0xFFCA58D8) |
| Y _{UV} | 136.6780, 39.1057, 57.2874 |
| Hunter-Lab | 49.4913, 58.5292, -46.3073 |

Details

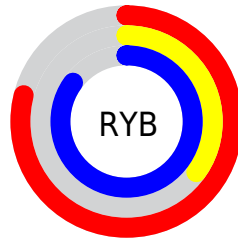
The HunterLab color **49.4913, 58.5292, -46.3073** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **72.5546, -48.7416, 36.3090**, and the grayscale version is **49.7312, -2.6535, 2.7020**.

A 20% lighter version of the original color is **69.5892, 55.8830, -36.7470**, and **30.6216, 54.2645, -45.4669** is the 20% darker color. If you saturate the color by 10%, you get **45.9691, 67.4589, -54.2851**, and if you desaturate by 10%, it is **53.7714, 48.4108, -37.6526**.

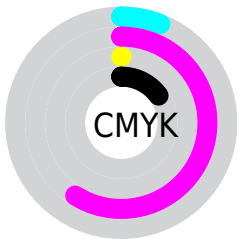
Distribution



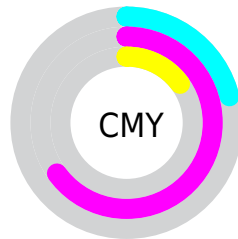
- Red (79%)
- Green (35%)
- Blue (85%)



- Red (79%)
- Yellow (35%)
- Blue (85%)



- Cyan (6%)
- Magenta (59%)
- Yellow (0%)
- Black (15%)



- Cyan (21%)
- Magenta (65%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.4913, 58.5292, -46.3073 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 49.4913, 58.5292, -46.3073 by changing the saturation by 10% instead.

49.4913, 58.5292,
-46.3073

49.4913, 58.5292,
-46.3073

165.9257, 73.5259,
-51.9891

39.6247, 56.3969,
-45.7095

71.2999, 62.5244,
-47.7065

30.5171, 54.2197,
-45.3196

83.1586, 64.3739,
-48.4189

22.2393, 52.0914,
-45.3811

95.6103, 66.1243,
-49.1097

14.8847, 50.2735,
-46.4896

108.6281, 67.7788,
-49.7680

8.5349, 50.1189,
-50.8463

122.1884, 69.3419,
-50.3878

0.0000, INF, -NF

0.0000, NaN, -NF

136.2702, 70.8178,

-50.9655

0.0000, NaN, NaN

150.8549, 72.2111,
-51.4995

■ 49.4913, 58.5292,
-46.3073

■ 49.4913, 58.5292,
-46.3073

■ 45.9691, 67.4589,
-54.2851

■ 53.7714, 48.4108,
-37.6526

■ 43.2753, 74.5092,
-61.0373

■ 58.7126, 37.6948,
-28.7667

■ 41.4362, 79.0741,
-66.0413

■ 64.2222, 26.7869,
-19.9345

■ 40.3379, 81.1484,
-69.2129

■ 70.2157, 15.9316,
-11.3118

■ 40.2661, 81.2694,
-69.4251

■ 76.6213, 5.2556,
-2.9655

■ 83.3798, -5.1892,
5.0911

■ 90.4432, -15.3936,
12.8727

■ 95.8303, -22.5205,
18.4615

■ 96.0249, -21.8092,
18.6753

Harmonies

Analogous

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



49.4924, 25.3493, -87.7620



49.4913, 58.5292, -46.3073



49.4924, 75.8029, -3.8902

Triad

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



49.4924, 58.5275, -46.3054



49.4924, 4.0194, 32.8198



49.4924, -47.6611, -28.0039

Complementary

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



49.4913, 58.5292, -46.3073



72.5546, -48.7416, 36.3090

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.



49.4924, -50.6117, 8.4820



49.4913, 58.5292, -46.3073



49.4924, -25.5320, 32.0100

Square

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



49.4924, 58.5275, -46.3054



49.4924, 39.5356, 30.6578



49.4924, -43.6386, 26.3964



49.4924, -34.1854, -73.2513

Rectangle

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



49.4913, 58.5292, -46.3073



49.4924, 73.4616, 15.0053



49.4924, -43.6386, 26.3964



49.4924, -49.7432, -13.9159

Sweetspot

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



49.4924, 58.5275, -46.3054



85.5513, 17.8121, -12.5382



40.8913, 21.2616, -68.6280



38.5641, 10.0095, -7.1948

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.4924, 58.5275, -46.3054



54.5957, 83.6976, -67.6356



49.3629, 53.8404, -12.5143



35.4408, 2.5122, -1.4340



31.0255, 62.5904, -53.2708



7.7507, 15.5569, -12.6935

Inverse Universe

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



47.4749, 45.5357, 14.3510



51.9178, 66.2480, 21.1246



72.7978, -46.2316, 24.7514



35.2742, 1.4130, 2.5200



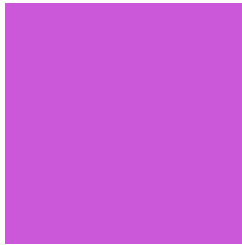
29.4738, 50.6307, 17.8368



7.2909, 12.6285, 3.6066

Previews

White Background



This preview shows how the HunterLab color 49.4913, 58.5292, -46.3073 looks on a white background.

Color Contrast Check

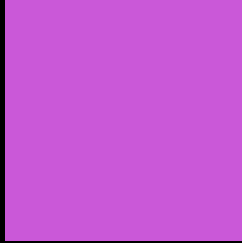
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.4913, 58.5292, -46.3073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

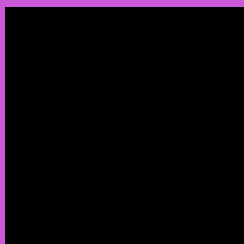
Any Text WCAG AA ✓ Pass

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 49.4913, 58.5292, -46.3073 Background



This preview shows how black text looks on a background with the HunterLab color 49.4913, 58.5292, -46.3073.



This preview shows how white text looks on a background with the HunterLab color 49.4913, 58.5292, -46.3073.

-46.3073.

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

49.4913, 58.5292, -46.3073

Protanopia

50.0246, 15.3189, -81.0375

Deuteranopia

49.9290, 3.9893, -40.0267



Tritanopia

49.3831, 24.7839, 8.7574

Trichromacy



Original Color

49.4913, 58.5292, -46.3073



Protanomaly

47.6374, 27.5242, -73.7396



Deuteranomaly

48.2702, 22.1607, -45.5656



Tritanomaly

48.9620, 35.7194, -7.2916

Monochromacy



Original Color

49.4913, 58.5292, -46.3073



Achromatopsia

50.0158, -2.6687, 2.7175



Achromatomaly

48.5014, 18.8250, -13.8852

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.4913, 58.5292, -46.3073 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(202, 88, 216)` looks like.

```
.text, #text, p{  
    color:rgb(202, 88, 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(202, 88, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 88, 216) }
```

Border

The CSS property to change the border of an element to HunterLab 49.4913, 58.5292, -46.3073 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(202, 88, 216) }
```


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

```
.border{ border-color:rgb(202, 88, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 88, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 88, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 88, 216);  
box-shadow:4px 4px 4px 4px rgb(202, 88,  
216) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.4913, 58.5292, -46.3073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 88, 216) }
```

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

```
.background{ background-color: rgb(202, 88,  
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](#).

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