

Converting Colors

HunterLab(49.7876, 44.9660,
-36.5637)

Have a look what the booklet for
HunterLab(49.7876, 44.9660,
-36.5637) contains.

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Color

**HunterLab(49.8092, 45.0203,
-36.5201)**

Conversions

Conversions Part 1

Format	Color
Hex	BE66CC
RGB	190, 102, 204
RGB Percent	75%, 40%, 80%
CMY	0.2549, 0.6000, 0.2000
CMYK	0.07, 0.50, 0.00, 0.20
HSL	292°, 50%, 60%
HSV	292°, 50%, 80%
XYZ	36.8857, 24.8096, 59.9714
YIQ	139.9400, 19.7060, 50.3780

Conversions

Conversions Part 2

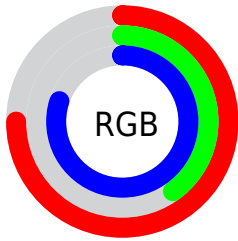
Format	Color
R _{YB}	190, 102, 204
Decimal	12478156
CIE _{Lab}	56.89, 50.53, -38.27
CIE _{LCh}	57, 63.384, 322.859
Yxy	24.8106, 0.3032, 0.2039
Android (android.graphics.Color)	4290668236 (0xFFBE66CC)
YUV	139.9400, 31.5816, 43.9026
Hunter-Lab	49.8092, 45.0203, -36.5201

Details

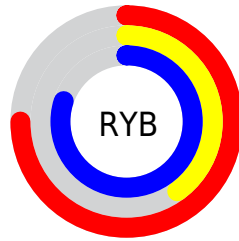
The HunterLab color **49.8092, 45.0203, -36.5201** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **69.1800, -40.5763, 31.1437**, and the grayscale version is **51.0601, -2.7244, 2.7742**.

A 20% lighter version of the original color is **71.3816, 46.7509, -33.7782**, and **30.7163, 41.2876, -35.2342** is the 20% darker color. If you saturate the color by 10%, you get **45.7439, 54.2983, -44.9065**, and if you desaturate by 10%, it is **54.4882, 35.1925, -27.9700**.

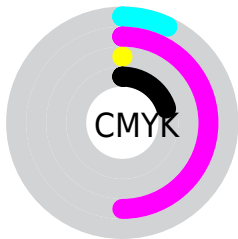
Distribution



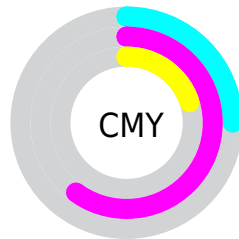
- Red (75%)
- Green (40%)
- Blue (80%)



- Red (75%)
- Yellow (40%)
- Blue (80%)



- Cyan (7%)
- Magenta (50%)
- Yellow (0%)
- Black (20%)



- Cyan (25%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8092, 45.0203, -36.5201 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 49.8092, 45.0203, -36.5201 by changing the saturation by 10% instead.

49.8092, 45.0203,
-36.5201

49.8092, 45.0203,
-36.5201

166.4012, 56.5522,
-41.1126

39.9200, 43.2363,
-35.8773

71.6588, 48.2509,
-37.8172

30.7878, 41.3514,
-35.3183

83.5364, 49.7064,
-38.4254

22.4830, 39.4003,
-34.9837

96.0061, 51.0624,
-38.9918

15.0979, 37.5014,
-35.2240

109.0411, 52.3251,
-39.5122

8.7339, 36.3208,
-37.2882

122.6178, 53.5003,
-39.9845

0.0000, INF, -NF

0.0000, NaN, -NF

136.7155, 54.5933,

-40.4084

0.0000, NaN, NaN

151.3155, 55.6091,
-40.7842

0.0000, NaN, NaN

■ 49.8092, 45.0203,
-36.5201

■ 49.8092, 45.0203,
-36.5201

■ 45.7439, 54.2983,
-44.9065

■ 54.4882, 35.1925,
-27.9700

■ 42.3781, 62.4883,
-52.7178

■ 59.6895, 25.1918,
-19.5234

■ 39.7853, 68.9342,
-59.4113

■ 65.3354, 15.2373,
-11.3151

■ 37.9928, 73.0568,
-64.4605

■ 71.3597, 5.4421,
-3.3980

■ 36.8648, 74.9572,
-67.8501

■ 77.7079, -4.1481,
4.2234

■ 36.8646, 74.9575,
-67.8507

■ 84.3360, -13.5260,
11.5690

■ 91.2083, -22.7038,
18.6692

■ 94.8348, -26.8153,
22.2518

■ 95.0564, -25.9947,
22.4860

Harmonies

Analogous

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



49.8103, 18.8056, -66.1847



49.8092, 45.0203, -36.5201



49.8103, 58.9253, -3.7242

Triad

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



49.8103, 45.0187, -36.5184



49.8103, 3.8585, 30.8583



49.8103, -41.5713, -20.1336

Complementary

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



49.8092, 45.0203, -36.5201



69.1800, -40.5763, 31.1437

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.



49.8103, -43.9287, 8.3883



49.8092, 45.0203, -36.5201



49.8103, -21.0123, 29.9360

Square

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



49.8103, 45.0187, -36.5184



49.8103, 32.1347, 27.9923



49.8103, -37.2262, 24.0499



49.8103, -29.9325, -53.7557

Rectangle

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



49.8092, 45.0203, -36.5201



49.8103, 57.6529, 12.3693



49.8103, -37.2262, 24.0499



49.8103, -43.3594, -9.3774

Sweetspot

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



49.8103, 45.0187, -36.5184



87.7467, 13.5243, -9.6201



44.6970, 12.7372, -48.0135



39.8351, 7.5057, -5.4622

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.8103, 45.0187, -36.5184



58.4938, 70.7633, -58.6130



50.1792, 42.9151, -12.2751



33.6492, 2.2790, -1.3747



29.2980, 59.5393, -53.6687



6.8183, 13.7527, -11.6878

Inverse Universe

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



48.5820, 35.5189, 10.3917



56.7387, 56.6435, 16.3725



69.1646, -39.3843, 21.4140



33.5236, 1.3632, 2.2832



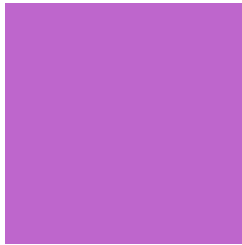
28.5322, 49.0755, 16.7834



6.5448, 11.3839, 2.8665

Previews

White Background



This preview shows how the HunterLab color 49.8092, 45.0203, -36.5201 looks on a white background.

Color Contrast Check

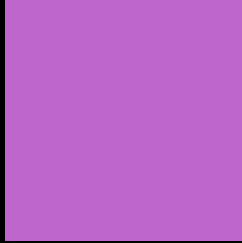
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.8092, 45.0203, -36.5201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

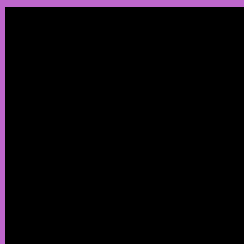
Any Text WCAG AA ✓ Pass

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 49.8092, 45.0203, -36.5201 Background



This preview shows how black text looks on a background with the HunterLab color 49.8092, 45.0203, -36.5201.



This preview shows how white text looks on a background with the HunterLab color 49.8092, 45.0203, -36.5201.

-36.5201.

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

49.8092, 45.0203, -36.5201

Protanopia

50.3083, 10.6333, -58.7879

Deuteranopia

50.1959, 3.9296, -32.1062



Tritanopia

49.7204, 18.9011, 6.2022

Trichromacy



Original Color

49.8092, 45.0203, -36.5201

Protanomaly

48.9273, 21.4549, -53.2196

Deuteranomaly

49.2424, 17.5620, -35.1428

Tritanomaly

49.3973, 28.0072, -6.8228

Monochromacy



Original Color

49.8092, 45.0203, -36.5201

Achromatopsia

51.2104, -2.7325, 2.7824

Achromatomaly

49.8349, 13.6972, -10.2767

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8092, 45.0203, -36.5201 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(190, 102, 204)` looks like.

```
.text, #text, p{  
    color:rgb(190, 102, 204)  
}
```

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(190, 102, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 102, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8092, 45.0203, -36.5201 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(190, 102, 204) }
```


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

```
.border{ border-color:rgb(190, 102, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 102, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 102, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 102, 204);  
box-shadow:4px 4px 4px 4px rgb(190, 102,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8092, 45.0203, -36.5201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 102, 204) }
```

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

```
.background{ background-color: rgb(190,  
102, 204) }
```

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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