

Converting Colors

HunterLab(47.9923, 75.0199,
-45.0572)

Have a look what the booklet for
HunterLab(47.9923, 75.0199,
-45.0572) contains.

HunterLab(48.0070, 75.2647, -45.2130)	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(48.0070, 75.2647,
-45.2130)**

Conversions

Conversions Part 1

Format	Color
Hex	DC3BD3
RGB	220, 59, 211
RGB Percent	86%, 23%, 83%
CMY	0.1373, 0.7686, 0.1725
CMYK	0.00, 0.73, 0.04, 0.14
HSL	303°, 70%, 55%
HSV	303°, 73%, 86%
XYZ	42.8370, 23.0467, 63.8187
YIQ	124.4670, 47.1640, 81.4040

Conversions

Conversions Part 2

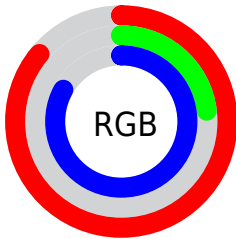
Format	Color
R _{YB}	220, 59, 211
Decimal	14433235
CIE Lab	55.12, 76.80, -44.75
CIE LCh	55, 88.884, 329.768
Yxy	23.0478, 0.3303, 0.1777
Android (android.graphics.Color)	4292623315 (0xFFDC3BD3)
YUV	124.4670, 42.6608, 83.7824
Hunter-Lab	48.0070, 75.2647, -45.2130

Details

The HunterLab color **48.0070, 75.2647, -45.2130** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **72.4807, -56.7982, 39.1932**, and the grayscale version is **44.9049, -2.3960, 2.4398**.

A 20% lighter version of the original color is **65.1146, 67.6608, -44.8372**, and **31.5870, 61.6924, -38.4938** is the 20% darker color. If you saturate the color by 10%, you get **46.0230, 81.5096, -48.5701**, and if you desaturate by 10%, it is **50.8597, 66.7239, -40.2820**.

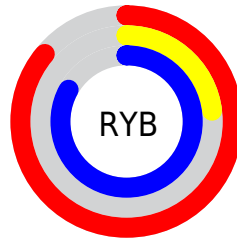
Distribution



Red (86%)

Green (23%)

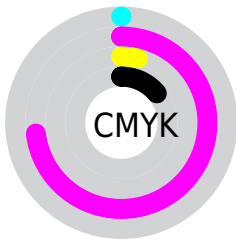
Blue (83%)



Red (86%)

Yellow (23%)

Blue (83%)

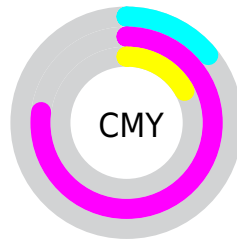


Cyan (0%)

Magenta (73%)

Yellow (4%)

Black (14%)



Cyan (14%)

Magenta (77%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 48.0070, 75.2647, -45.2130 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 48.0070, 75.2647, -45.2130 by changing the saturation by 10% instead.


 48.0070, 75.2647,
-45.2130


 48.0070, 75.2647,
-45.2130


163.6980, 93.9523,
-50.8335


 38.2476, 72.8509,
-44.6255


 69.6217, 79.9975,
-46.5995

 29.2563, 70.5215,
-44.2562


 81.3914, 82.2568,
-47.3063


 21.1065, 68.4959,
-44.3672

 93.7584, 84.4283,
-47.9910

 13.8965, 67.3537,
-45.6168

 106.6953, 86.5091,
-48.6429

 7.5298, 72.0426,
-52.0404

 120.1778, 88.4996,
-49.2557

0.0000, INF, -NF

0.0000, NaN, -NF

134.1847, 90.4017,

-49.8260

0.0000, NaN, NaN

148.6971, 92.2182,
-50.3521

■ 48.0070, 75.2647,
-45.2130

■ 48.0070, 75.2647,
-45.2130

■ 46.0230, 81.5096,
-48.5701

■ 50.8597, 66.7239,
-40.2820

■ 44.8759, 85.1006,
-50.1612


■ 54.5395, 56.5325,
-34.1708


■ 44.4468, 86.3293,
-50.4470


■ 58.9709, 45.3506,
-27.2968


■ 64.0623, 33.7147,
-20.0110

■ 69.7228, 21.9906,
-12.5623

 75.8705, 10.3953,
-5.1053

 82.4353, -0.9622,
2.2745

 89.3587, -12.0407,
9.5375

 95.9237, -21.8456,
15.9799

Harmonies

Analogous

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



48.0081, 37.9178, -100.4179



48.0070, 75.2647, -45.2130



48.0081, 90.8090, 2.3400

Triad

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



48.0081, 75.2622, -45.2109



48.0081, -2.2774, 33.0743



48.0081, -49.8830, -44.3350

Complementary

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



48.0070, 75.2647, -45.2130



72.4807, -56.7982, 39.1932

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.



48.0081, -54.8549, 2.8849



48.0070, 75.2647, -45.2130



48.0081, -32.9188, 32.0256

Square

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



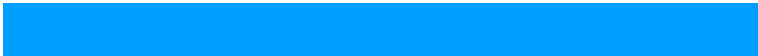
48.0081, 75.2622, -45.2109



48.0081, 38.5681, 31.9879



48.0081, -49.7223, 25.6687



48.0081, -33.2815, -99.6960

Rectangle

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



48.0070, 75.2647, -45.2130



48.0081, 83.9543, 20.2759



48.0081, -49.7223, 25.6687



48.0081, -52.6990, -26.2259

Sweetspot

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



48.0081, 75.2622, -45.2109



83.1147, 24.6195, -13.9698



30.8083, 43.4318, -110.5642



37.5707, 13.1380, -7.5802

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.0081, 75.2622, -45.2109



53.5326, 99.0973, -58.7144



44.7166, 62.2882, -0.0412



36.4165, 2.8415, -1.0830



34.0582, 66.1642, -38.7546



8.6914, 16.9193, -10.1591

Inverse Universe

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



48.0081, 75.2622, -45.2109



53.5326, 99.0973, -58.7144



73.6486, -49.6122, 22.1072



36.4165, 2.8415, -1.0830



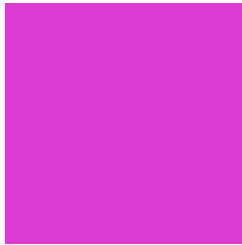
34.0582, 66.1642, -38.7546



8.6914, 16.9193, -10.1591

Previews

White Background



This preview shows how the HunterLab color 48.0070, 75.2647, -45.2130 looks on a white background.

Color Contrast Check

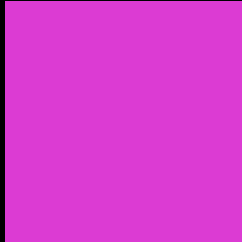
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.0070, 75.2647, -45.2130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

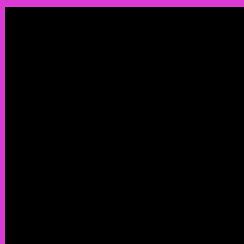
Any Text WCAG AA ✓ Pass

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 48.0070, 75.2647, -45.2130 Background



This preview shows how black text looks on a background with the HunterLab color 48.0070, 75.2647, -45.2130.



This preview shows how white text looks on a background with the HunterLab color 48.0070, 75.2647, -45.2130.

-45.2130.

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

48.0070, 75.2647, -45.2130

Protanopia

48.5365, 16.2483, -85.3762

Deuteranopia

48.3549, 3.7232, -37.1395



Tritanopia

47.8942, 38.1884, 14.2956

Trichromacy



Original Color

48.0070, 75.2647, -45.2130



Protanomaly

44.4009, 33.9244, -81.0916



Deuteranomaly

45.1576, 29.4882, -46.6629



Tritanomaly

47.0495, 50.9313, -2.3657

Monochromacy



Original Color

48.0070, 75.2647, -45.2130



Achromatopsia

44.8950, -2.3955, 2.4392



Achromatomaly

43.4575, 26.0443, -15.6770

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.0070, 75.2647, -45.2130 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(220, 59, 211)` looks like.

```
.text, #text, p{  
    color:rgb(220, 59, 211)  
}
```

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(220, 59, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 59, 211) }
```

Border

The CSS property to change the border of an element to HunterLab 48.0070, 75.2647, -45.2130 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(220, 59, 211) }
```


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

```
.border{ border-color:rgb(220, 59, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 59, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 59, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 59, 211);  
box-shadow:4px 4px 4px 4px rgb(220, 59,  
211) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.0070, 75.2647, -45.2130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 59, 211) }
```

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

```
.background{ background-color: rgb(220, 59,  
211) }
```

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