

Converting Colors

HunterLab(50.6209, 75.8348,
-46.6151)

Have a look what the booklet for
HunterLab(50.6209, 75.8348,
-46.6151) contains.

HunterLab(50.6285, 75.9224, -46.7678)	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(50.6285, 75.9224,
-46.7678)**

Conversions

Conversions Part 1

Format	Color
Hex	E344DC
RGB	227, 68, 220
RGB Percent	89%, 27%, 86%
CMY	0.1098, 0.7333, 0.1373
CMYK	0.00, 0.70, 0.03, 0.11
HSL	303°, 74%, 58%
HSV	303°, 70%, 89%
XYZ	46.6640, 25.6325, 70.1983
YIQ	132.8690, 45.9720, 80.9800

Conversions

Conversions Part 2

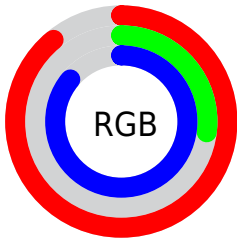
Format	Color
R _{YB}	227, 68, 220
Decimal	14894300
CIE _{Lab}	57.69, 76.83, -45.73
CIE _{LCh}	58, 89.406, 329.238
Yxy	25.6336, 0.3275, 0.1799
Android (android.graphics.Color)	4293084380 (0xFFE344DC)
YUV	132.8690, 42.9556, 82.5529
Hunter-Lab	50.6285, 75.9224, -46.7678

Details

The HunterLab color **50.6285, 75.9224, -46.7678** 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 **75.2836, -57.9499, 40.1312**, and the grayscale version is **48.2033, -2.5720, 2.6190**.

A 20% lighter version of the original color is **66.4684, 63.9845, -42.3127**, and **33.1740, 64.8909, -41.1937** is the 20% darker color. If you saturate the color by 10%, you get **48.3177, 83.2224, -51.0075**, and if you desaturate by 10%, it is **53.8367, 66.4134, -40.9992**.

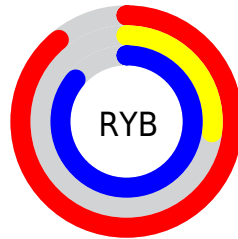
Distribution



Red (89%)

Green (27%)

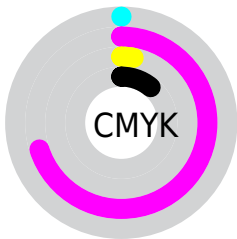
Blue (86%)



Red (89%)

Yellow (27%)

Blue (86%)

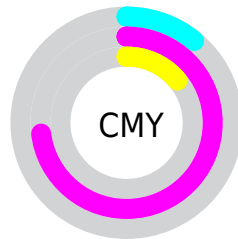


Cyan (0%)

Magenta (70%)

Yellow (3%)

Black (11%)



Cyan (11%)

Magenta (73%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.6285, 75.9224, -46.7678 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 50.6285, 75.9224, -46.7678 by changing the saturation by 10% instead.

50.6285, 75.9224,
-46.7678

50.6285, 75.9224,
-46.7678

167.6243, 94.4306,
-52.4624

40.6814, 73.5054,
-46.1588

72.5833, 80.6256,
-48.1749

31.4865, 71.1407,
-45.7456

84.5091, 82.8637,
-48.8886

23.1127, 69.0035,
-45.7549

97.0249, 85.0128,
-49.5802

15.6502, 67.5402,
-46.7310

110.1039, 87.0712,
-50.2390

9.2254, 68.1353,
-50.2935

123.7229, 89.0396,
-50.8592

0.0000, INF, -NF

0.0000, NaN, -NF

137.8613, 90.9203,

-51.4375

0.0000, NaN, NaN

152.5006, 92.7163,
-51.9721

■ 50.6285, 75.9224,
-46.7678

■ 50.6285, 75.9224,
-46.7678

■ 48.3177, 83.2224,
-51.0075

■ 53.8367, 66.4134,
-40.9992

■ 46.8940, 87.8281,
-53.4311


■ 57.8848, 55.3987,
-34.1463


■ 46.1965, 89.9577,
-54.2159


■ 62.6878, 43.5388,
-26.6373


■ 68.1493, 31.3417,
-18.8106

■ 74.1770, 19.1393,
-10.8942

 80.6889, 7.1195,
-3.0238

 87.6158, -4.6292,
4.7306

 94.9004, -16.0792,
12.3405

 96.6996, -18.6313,
13.8103

Harmonies

Analogous

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



50.6297, 37.8201, -101.9995



50.6285, 75.9224, -46.7678



50.6297, 92.1577, 1.8291

Triad

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



50.6297, 75.9199, -46.7657



50.6297, -1.7354, 34.6169



50.6297, -51.7264, -43.8595

Complementary

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



50.6285, 75.9224, -46.7678



75.2836, -57.9499, 40.1312

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.



50.6297, -56.7360, 3.6655



50.6285, 75.9224, -46.7678



50.6297, -33.4861, 33.5620

Square

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



50.6297, 75.9199, -46.7657



50.6297, 39.9956, 33.4219



50.6297, -51.1744, 26.8702



50.6297, -34.7204, -99.6214

Rectangle

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



50.6285, 75.9224, -46.7678



50.6297, 85.5978, 20.6274



50.6297, -51.1744, 26.8702



50.6297, -54.6022, -25.6588

Sweetspot

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



50.6297, 75.9199, -46.7657



83.8525, 23.3534, -13.4178



33.3314, 41.8353, -108.0017



37.8904, 12.5904, -7.3694

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.6297, 75.9199, -46.7657



54.2765, 97.7163, -59.7076



47.3555, 62.7927, -1.8621



38.2148, 3.0311, -1.2118



35.2857, 68.7215, -41.4905



9.6098, 18.7431, -11.5106

Inverse Universe

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



50.6297, 75.9199, -46.7657



54.2765, 97.7163, -59.7076



76.4602, -50.7245, 22.9227



38.2148, 3.0311, -1.2118



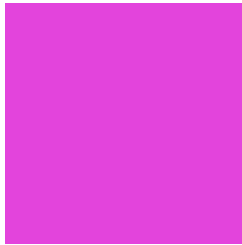
35.2857, 68.7215, -41.4905



9.6098, 18.7431, -11.5106

Previews

White Background



This preview shows how the HunterLab color 50.6285, 75.9224, -46.7678 looks on a white background.

Color Contrast Check

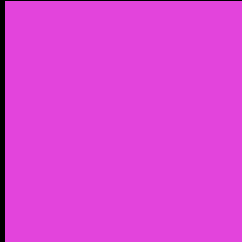
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.6285, 75.9224, -46.7678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

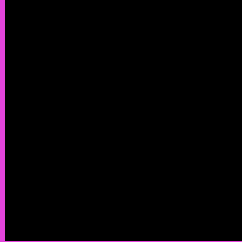
Any Text WCAG AA ✓ Pass

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 50.6285, 75.9224, -46.7678 Background



This preview shows how black text looks on a background with the HunterLab color 50.6285, 75.9224, -46.7678.



This preview shows how white text looks on a background with the HunterLab color 50.6285, 75.9224, -46.7678.

-46.7678.

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

50.6285, 75.9224, -46.7678

Protanopia

51.1133, 14.5315, -77.9921

Deuteranopia

50.8376, 4.2244, -38.9511



Tritanopia

50.4930, 38.3507, 14.1259

Trichromacy



Original Color

50.6285, 75.9224, -46.7678



Protanomaly

47.6290, 33.6798, -74.6328



Deuteranomaly

48.0608, 29.1463, -47.5339



Tritanomaly

49.7761, 51.1000, -3.3078

Monochromacy



Original Color

50.6285, 75.9224, -46.7678



Achromatopsia

48.4304, -2.5841, 2.6313



Achromatomaly

46.7647, 25.7873, -15.8639

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.6285, 75.9224, -46.7678 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(227, 68, 220)` looks like.

```
.text, #text, p{  
    color:rgb(227, 68, 220)  
}
```

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(227, 68, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 68, 220) }
```

Border

The CSS property to change the border of an element to HunterLab 50.6285, 75.9224, -46.7678 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(227, 68, 220) }
```


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

```
.border{ border-color:rgb(227, 68, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 68, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 68, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 68, 220);  
box-shadow:4px 4px 4px 4px rgb(227, 68,  
220) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.6285, 75.9224, -46.7678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 68, 220) }
```

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

```
.background{ background-color: rgb(227, 68,  
220) }
```

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