

Converting Colors

HunterLab(45.2008, 70.0191,
-76.0176)

Have a look what the booklet for
HunterLab(45.2008, 70.0191,
-76.0176) contains.

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Color

**HunterLab(45.2466, 70.1718,
-75.8789)**

Conversions

Conversions Part 1

Format	Color
Hex	BC40ED
RGB	188, 64, 237
RGB Percent	74%, 25%, 93%
CMY	0.2627, 0.7490, 0.0706
CMYK	0.21, 0.73, 0.00, 0.07
HSL	283°, 83%, 59%
HSV	283°, 73%, 93%
XYZ	37.8584, 20.4725, 82.0769
YIQ	120.7980, 18.3710, 80.0910

Conversions

Conversions Part 2

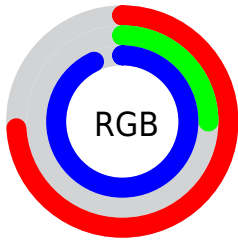
Format	Color
RYB	188, 64, 237
Decimal	12337389
CIELab	52.37, 73.20, -64.14
CIELCh	52, 97.325, 318.772
Yxy	20.4734, 0.2696, 0.1458
Android (android.graphics.Color)	4290527469 (0xFFBC40ED)
YUV	120.7980, 57.2876, 58.9362
Hunter-Lab	45.2466, 70.1718, -75.8789

Details

The HunterLab color $45.2466, 70.1718, -75.8789$ is a light color, and the websafe version is hex $CC33FF$. The color can be described as light muted purple. A complement of this color would be $80.2805, -55.9550, 44.9062$, and the grayscale version is $43.4287, -2.3172, 2.3596$.

A 20% lighter version of the original color is $64.2980, 64.7190, -46.4858$, and $28.2178, 60.0015, -72.2900$ is the 20% darker color. If you saturate the color by 10%, you get $41.8467, 76.8282, -86.3879$, and if you desaturate by 10%, it is $49.6080, 61.3735, -64.1156$.

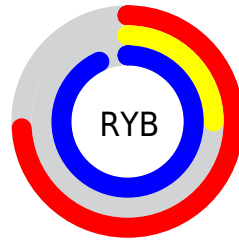
Distribution



Red (74%)

Green (25%)

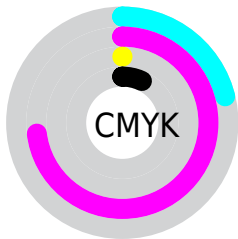
Blue (93%)



Red (74%)

Yellow (25%)

Blue (93%)

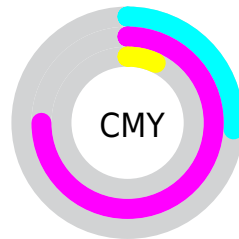


Cyan (21%)

Magenta (73%)

Yellow (0%)

Black (7%)



Cyan (26%)

Magenta (75%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.2466, 70.1718, -75.8789 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 45.2466, 70.1718, -75.8789 by changing the saturation by 10% instead.

45.2466, 70.1718,
-75.8789

45.2466, 70.1718,
-75.8789

159.5200, 88.2104,
-82.2762

35.6926, 67.8165,
-76.1667

66.4901, 74.7806,
-76.6202

26.9248, 65.5452,
-77.4021

78.0900, 76.9709,
-77.3071

19.0226, 63.6012,
-80.5197

90.2955, 79.0704,
-78.0888

12.0938, 62.6603,
-87.9500

103.0779, 81.0769,
-78.9196

5.1203, 84.8107,
-135.0344

116.4124, 82.9913,
-79.7701

0.0000, INF, -NF

0.0000, NaN, -NF

130.2769, 84.8162,

-80.6209

0.0000, NaN, -NF

144.6520, 86.5547,
-81.4592

0.0000, NaN, NaN

■ 45.2466, 70.1718,
-75.8789

■ 45.2466, 70.1718,
-75.8789

■ 41.8467, 76.8282,
-86.3879

■ 49.6080, 61.3735,
-64.1156

■ 39.4567, 80.5349,
-94.6719

■ 54.8165, 51.3127,
-51.9835

■ 38.2708, 81.5162,
-99.1161

■ 60.7467, 40.6631,
-40.0560

■ 67.2816, 29.8496,
-28.6232

■ 74.3224, 19.1021,
-17.7842

■ 81.7893, 8.5258,
-7.5332

■ 89.6188, -1.8452,
2.1839

■ 97.7608, -12.0131,
11.4377

■ 98.8266, -10.5606,
12.6438

Harmonies

Analogous

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



45.2475, 24.7520, -133.5480



45.2466, 70.1718, -75.8789



45.2475, 98.9627, -14.0121

Triad

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



45.2475, 70.1710, -75.8768



45.2475, 13.3664, 31.6732



45.2475, -54.2589, -27.5537

Complementary

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



45.2466, 70.1718, -75.8789



80.2805, -55.9550, 44.9062

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.



45.2475, -55.4624, 14.4079



45.2466, 70.1718, -75.8789



45.2475, -24.3831, 31.6732

Square

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



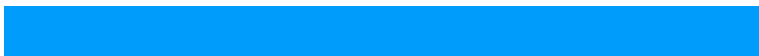
45.2475, 70.1710, -75.8768



45.2475, 59.4134, 30.0826



45.2475, -46.5877, 28.9064



45.2475, -42.4250, -92.7369

Rectangle

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



45.2466, 70.1718, -75.8789



45.2475, 99.9571, 12.1655



45.2475, -46.5877, 28.9064



45.2475, -55.7203, -10.0180

Sweetspot

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



45.2475, 70.1710, -75.8768



81.4806, 19.7062, -18.2891



43.6110, 19.0807, -81.7192



36.7049, 10.5787, -9.9075

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



45.2475, 70.1710, -75.8768



43.9467, 86.0790, -99.0519



50.8128, 76.6326, -30.7634



38.8420, 2.2231, -1.8577



28.4007, 60.3908, -72.7613



8.2554, 17.3128, -19.2790

Inverse Universe

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



47.8164, 64.6699, 11.2243



47.9898, 78.7369, 17.8206



79.1251, -60.0266, 38.3862



38.8898, 1.8966, 1.9859



31.7353, 55.1086, 14.6081



8.9824, 15.7720, 2.7866

Previews

White Background



This preview shows how the HunterLab color 45.2466, 70.1718, -75.8789 looks on a white background.

Color Contrast Check

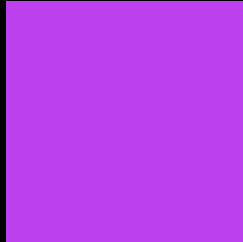
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.2466, 70.1718, -75.8789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

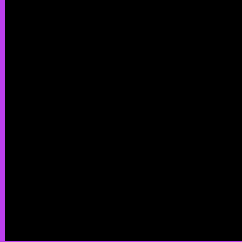
Any Text WCAG AA ✓ Pass

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 45.2466, 70.1718, -75.8789 Background



This preview shows how black text looks on a background with the HunterLab color 45.2466, 70.1718, -75.8789.



This preview shows how white text looks on a background with the HunterLab color 45.2466, 70.1718, -75.8789.

-75.8789.

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

45.2466, 70.1718, -75.8789

Protanopia

45.7962, 17.4513, -93.9589

Deuteranopia

45.5349, 4.3682, -65.5517



Tritanopia

45.0547, 19.9224, 6.7669

Trichromacy



Original Color

45.2466, 70.1718, -75.8789



Protanomaly

41.7470, 31.6171, -99.8476



Deuteranomaly

41.3638, 23.1335, -81.4137



Tritanomaly

43.9687, 37.2565, -16.4851

Monochromacy



Original Color

45.2466, 70.1718, -75.8789



Achromatopsia

43.7266, -2.3331, 2.3758



Achromatomaly

42.1645, 22.9250, -22.3410

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.2466, 70.1718, -75.8789 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(188, 64, 237)` looks like.

```
.text, #text, p{  
    color:rgb(188, 64, 237)  
}
```

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(188, 64, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 64, 237) }
```

Border

The CSS property to change the border of an element to HunterLab 45.2466, 70.1718, -75.8789 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(188, 64, 237) }
```


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

```
.border{ border-color:rgb(188, 64, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 64, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 64, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 64, 237);  
box-shadow:4px 4px 4px 4px rgb(188, 64,  
237) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.2466, 70.1718, -75.8789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 64, 237) }
```

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

```
.background{ background-color: rgb(188, 64,  
237) }
```

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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