

Converting Colors

HunterLab(37.9945, 74.6870,
-50.0239)

Have a look what the booklet for
HunterLab(37.9945, 74.6870,
-50.0239) contains.

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Color

**HunterLab(38.0696, 74.8461,
-50.2116)**

Conversions

Conversions Part 1

Format	Color
Hex	BD00BD
RGB	189, 0, 189
RGB Percent	74%, 0%, 74%
CMY	0.2588, 0.9999, 0.2588
CMYK	0.00, 1.00, 0.00, 0.26
HSL	300°, 100%, 37%
HSV	300°, 100%, 74%
XYZ	30.1716, 14.4929, 49.3514
YIQ	78.0570, 51.9750, 98.8470

Conversions

Conversions Part 2

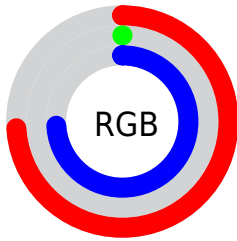
Format	Color
R_{YB}	189, 0, 189
Decimal	12386493
CIE _{Lab}	44.93, 78.44, -48.57
CIE _{LCh}	45, 92.263, 328.233
Yxy	14.4936, 0.3209, 0.1542
Android (android.graphics.Color)	4290576573 (0xFFBD00BD)
YUV	78.0570, 54.6949, 97.2970
Hunter-Lab	38.0696, 74.8461, -50.2116

Details

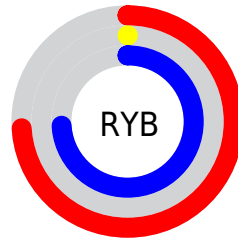
The HunterLab color **38.0696, 74.8461, -50.2116** is a dark color, and the websafe version is hex **CC00CC**. A complement of this color would be **60.3290, -51.7312, 36.2681**, and the grayscale version is **27.4233, -1.4632, 1.4900**.

A 20% lighter version of the original color is **58.2566, 79.6678, -51.4432**, and **25.6409, 50.7328, -36.3143** is the 20% darker color. If you saturate the color by 10%, you get **38.0698, 74.8465, -50.2113**, and if you desaturate by 10%, it is **38.6733, 72.6516, -48.7078**.

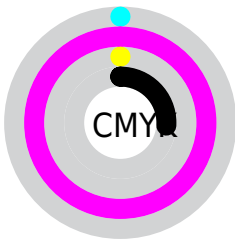
Distribution



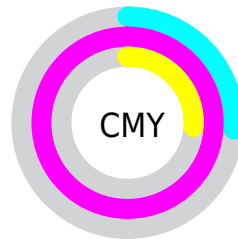
- Red (74%)
- Green (0%)
- Blue (74%)



- Red (74%)
- Yellow (0%)
- Blue (74%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (26%)








- Cyan (26%)
- Magenta (100%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.0696, 74.8461, -50.2116 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 38.0696, 74.8461, -50.2116 by changing the saturation by 10% instead.

 38.0696, 74.8461, -50.2116	 38.0696, 74.8461, -50.2116
148.4185, 94.5793, -56.2130	 29.0943, 72.5136, -50.0031
 58.2772, 79.7061, -51.3803	 20.9613, 70.5272, -50.4434
 69.4054, 82.0834, -52.1028	 13.7702, 69.5147, -52.3785
 81.1635, 84.3854, -52.8441	 7.3897, 75.2018, -61.0998
 93.5195, 86.6019, -53.5781	0.0000, INF, -NF
	0.0000, NaN, -NF
 106.4458, 88.7290, -54.2895	0.0000, NaN, NaN
 119.9182, 90.7664,	0.0000, NaN, NaN

-54.9691

133.9154, 92.7156,
-55.6113

■ 38.0696, 74.8461,
-50.2116

■ 38.0696, 74.8461,
-50.2116

■ 38.0698, 74.8465,
-50.2113

■ 38.6733, 72.6516,
-48.7078

■ 39.8348, 68.5705,
-45.9117

■ 41.7039, 62.3637,
-41.6571

■ 44.2835, 54.4355,
-36.2191

■ 47.5311, 45.3370,
-29.9732

■ 51.3792, 35.5891,
-23.2747

■ 55.7528, 25.5908,
-16.3966

■ 60.5794, 15.6040,
-9.5181

■ 65.7946, 5.7776,
-2.7416

Harmonies

Analogous

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



38.0705, 35.8146, -110.5039



38.0696, 74.8461, -50.2116



38.0705, 92.6894, 0.0206

Triad

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



38.0705, 74.8441, -50.2096



38.0705, 0.0888, 26.6493



38.0705, -45.3587, -43.0472

Complementary

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



38.0696, 74.8461, -50.2116



60.3290, -51.7312, 36.2681

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.



38.0705, -48.9772, 4.0158



38.0696, 74.8461, -50.2116



38.0705, -29.1792, 26.6493

Square

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



38.0705, 74.8441, -50.2096



38.0705, 40.8398, 26.6493



38.0705, -44.3420, 22.8299



38.0705, -31.6509, -104.3161

Rectangle

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



38.0696, 74.8461, -50.2116



38.0705, 86.5893, 17.2749



38.0705, -44.3420, 22.8299



38.0705, -47.5132, -24.2640

Sweetspot

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



38.0705, 74.8441, -50.2096



74.3094, 34.9080, -22.3977



19.1699, 51.9880, -136.1835



33.2845, 18.8101, -12.1909



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



38.0705, 74.8441, -50.2096



50.9478, 100.1651, -67.1965



34.1128, 60.8115, 3.4692



31.1389, 2.4295, -1.0902



31.2271, 61.3934, -41.1862



6.1803, 12.1507, -8.1514

Inverse Universe

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



38.0705, 74.8441, -50.2096



50.9478, 100.1651, -67.1965



61.0027, -47.5257, 26.3477



31.1389, 2.4295, -1.0902



31.2271, 61.3934, -41.1862



6.1803, 12.1507, -8.1514

Previews

White Background



This preview shows how the HunterLab color 38.0696, 74.8461, -50.2116 looks on a white background.

Color Contrast Check

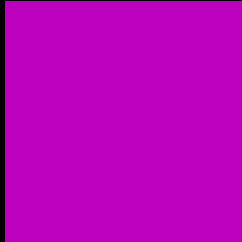
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 38.0696, 74.8461, -50.2116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

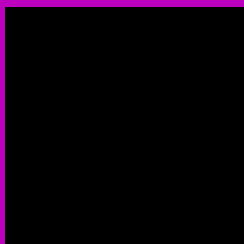
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 38.0696, 74.8461, -50.2116 Background



This preview shows how black text looks on a background with the HunterLab color 38.0696, 74.8461, -50.2116.



This preview shows how white text looks on a background with the HunterLab color 38.0696, 74.8461, -50.2116.

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

38.0696, 74.8461, -50.2116

Protanopia

39.1454, 14.0426, -79.2423

Deuteranopia

39.0838, 3.2361, -39.7552



Tritanopia

38.4827, 34.6618, 12.9230

Trichromacy



Original Color

38.0696, 74.8461, -50.2116



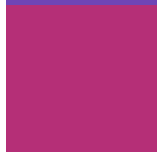
Protanomaly

31.4372, 35.6625, -93.7697



Deuteranomaly

33.0887, 33.8136, -58.3189



Tritanomaly

36.3162, 51.4727, -5.2144

Monochromacy



Original Color

38.0696, 74.8461, -50.2116



Achromatopsia

27.6017, -1.4728, 1.4997



Achromatomaly

27.2778, 30.0162, -19.9200

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.0696, 74.8461, -50.2116 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(189, 0, 189)` looks like.

```
.text, #text, p{  
    color:rgb(189, 0, 189)  
}
```

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(189, 0, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 0, 189) }
```

Border

The CSS property to change the border of an element to HunterLab 38.0696, 74.8461, -50.2116 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(189, 0, 189) }
```


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

```
.border{ border-color:rgb(189, 0, 189) }
```

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

Here you see how a box with a 4 pixel rgb(189, 0, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 0, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 0, 189);  
box-shadow:4px 4px 4px 4px rgb(189, 0,  
189) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.0696, 74.8461, -50.2116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 0, 189) }
```

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

```
.background{ background-color: rgb(189, 0,  
189) }
```

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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