

Converting Colors

HunterLab(38.5764, 75.7871,
-50.8499)

Have a look what the booklet for
HunterLab(38.5764, 75.7871,
-50.8499) contains.

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Color

**HunterLab(38.5201, 75.7318,
-50.8057)**

Conversions

Conversions Part 1

Format	Color
Hex	BF00BF
RGB	191, 0, 191
RGB Percent	75%, 0%, 75%
CMY	0.2510, 0.9999, 0.2510
CMYK	0.00, 1.00, 0.00, 0.25
HSL	300°, 100%, 37%
HSV	300°, 100%, 75%
XYZ	30.8899, 14.8380, 50.5262
YIQ	78.8830, 52.5250, 99.8930

Conversions

Conversions Part 2

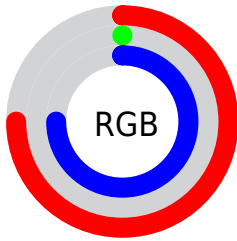
Format	Color
R_{YB}	191, 0, 191
Decimal	12517567
CIE _{Lab}	45.41, 79.06, -48.96
CIE _{LCh}	45, 92.990, 328.233
Yxy	14.8387, 0.3209, 0.1542
Android (android.graphics.Color)	4290707647 (0xFFBF00BF)
YUV	78.8830, 55.2737, 98.3266
Hunter-Lab	38.5201, 75.7318, -50.8057

Details

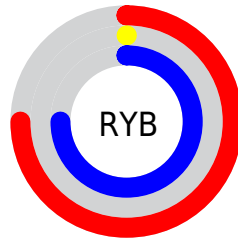
The HunterLab color **38.5201, 75.7318, -50.8057** is a dark color, and the websafe version is hex **CC00CC**. A complement of this color would be **61.0430, -52.3434, 36.6973**, and the grayscale version is **27.7185, -1.4790, 1.5060**.

A 20% lighter version of the original color is **58.8208, 80.3046, -51.8644**, and **26.0628, 51.5631, -36.8772** is the 20% darker color. If you saturate the color by 10%, you get **38.5203, 75.7322, -50.8054**, and if you desaturate by 10%, it is **39.1256, 73.5307, -49.2974**.

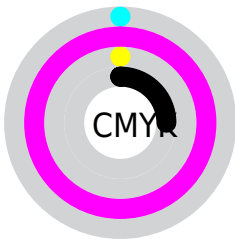
Distribution



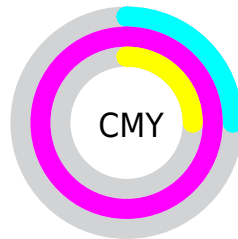
- Red (75%)
- Green (0%)
- Blue (75%)



- Red (75%)
- Yellow (0%)
- Blue (75%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.5201, 75.7318, -50.8057 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 38.5201, 75.7318, -50.8057 by changing the saturation by 10% instead.

38.5201, 75.7318,
-50.8057

38.5201, 75.7318,
-50.8057

149.1267, 95.5687,
-56.8367

29.5063, 73.3893,
-50.5945

58.7962, 80.6112,
-51.9772

21.3309, 71.3881,
-51.0250

69.9554, 82.9992,
-52.7018

14.0918, 70.3399,
-52.9217

81.7429, 85.3125,
-53.4459

7.7407, 74.6740,
-60.5993

94.1269, 87.5408,
-54.1834

0.0000, INF, -NF

0.0000, NaN, -NF

107.0799, 89.6801,
-54.8988

0.0000, NaN, NaN

120.5779, 91.7301,

0.0000, NaN, NaN

-55.5828

134.5998, 93.6921,
-56.2298

■ 38.5201, 75.7318,
-50.8057

■ 38.5201, 75.7318,
-50.8057

■ 38.5203, 75.7322,
-50.8054

■ 39.1256, 73.5307,
-49.2974

■ 40.2973, 69.4123,
-46.4757

■ 42.1860, 63.1382,
-42.1750

■ 44.7948, 55.1174,
-36.6735

■ 48.0806, 45.9082,
-30.3516

■ 51.9752, 36.0392,
-23.5700

■ 56.4025, 25.9155,
-16.6057

■ 61.2890, 15.8031,
-9.6407

■ 66.5693, 5.8530,
-2.7789

Harmonies

Analogous

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



38.5210, 36.2384, -111.8114



38.5201, 75.7318, -50.8057



38.5210, 93.7862, 0.0209

Triad

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



38.5210, 75.7297, -50.8037



38.5210, 0.0898, 26.9647



38.5210, -45.8955, -43.5567

Complementary

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



38.5201, 75.7318, -50.8057



61.0430, -52.3434, 36.6973

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.



38.5210, -49.5567, 4.0632



38.5201, 75.7318, -50.8057



38.5210, -29.5246, 26.9647

Square

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



38.5210, 75.7297, -50.8037



38.5210, 41.3230, 26.9647



38.5210, -44.8667, 23.1000



38.5210, -32.0254, -105.5506

Rectangle

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



38.5201, 75.7318, -50.8057



38.5210, 87.6139, 17.4793



38.5210, -44.8667, 23.1000



38.5210, -48.0754, -24.5512

Sweetspot

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



38.5210, 75.7297, -50.8037



75.1782, 35.3442, -22.6787



19.3967, 52.6033, -137.7951



34.0121, 19.2791, -12.4968



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



38.5210, 75.7297, -50.8037



51.5508, 101.3504, -67.9915



34.5147, 61.5245, 3.5364



31.1389, 2.4295, -1.0902



31.2270, 61.3934, -41.1861



6.1803, 12.1507, -8.1514

Inverse Universe

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



38.5210, 75.7297, -50.8037



51.5508, 101.3504, -67.9915



61.7235, -48.0944, 26.6744



31.1389, 2.4295, -1.0902



31.2270, 61.3934, -41.1861



6.1803, 12.1507, -8.1514

Previews

White Background



This preview shows how the HunterLab color 38.5201, 75.7318, -50.8057 looks on a white background.

Color Contrast Check

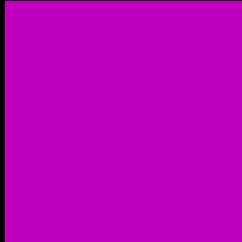
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.5201, 75.7318, -50.8057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

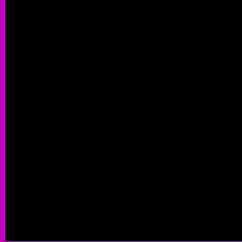
Any Text WCAG AA × Fail

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 38.5201, 75.7318, -50.8057 Background



This preview shows how black text looks on a background with the HunterLab color 38.5201, 75.7318, -50.8057.



This preview shows how white text looks on a background with the HunterLab color 38.5201, 75.7318, -50.8057.

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

38.5201, 75.7318, -50.8057

Protanopia

39.6105, 14.5391, -80.8954

Deuteranopia

39.4601, 3.2953, -40.5066



Tritanopia

38.9808, 35.0643, 13.0901

Trichromacy



Original Color

38.5201, 75.7318, -50.8057



Protanomaly

31.6749, 36.6796, -96.4313



Deuteranomaly

33.4970, 34.0881, -59.0277



Tritanomaly

36.7930, 51.9288, -5.0535

Monochromacy



Original Color

38.5201, 75.7318, -50.8057



Achromatopsia

27.9620, -1.4920, 1.5192



Achromatomaly

27.6231, 30.9902, -20.5762

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.5201, 75.7318, -50.8057 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(191, 0, 191)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 191)  
}
```

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(191, 0, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 191) }
```

Border

The CSS property to change the border of an element to HunterLab 38.5201, 75.7318, -50.8057 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(191, 0, 191) }
```


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

```
.border{ border-color:rgb(191, 0, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 0, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 191);  
box-shadow:4px 4px 4px 4px rgb(191, 0,  
191) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.5201, 75.7318, -50.8057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 0, 191) }
```

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

```
.background{ background-color: rgb(191, 0,  
191) }
```

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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