

Converting Colors

HunterLab(63.1573, 102.8766,
11.5125)

Have a look what the booklet for
HunterLab(63.1573, 102.8766,
11.5125) contains.

HunterLab(50.8165, 80.5724, -3.4578)	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(50.8165, 80.5724,
-3.4578)**

Conversions

Conversions Part 1

Format	Color
Hex	FF319B
RGB	255, 49, 155
RGB Percent	100%, 19%, 61%
CMY	0.0000, 0.8078, 0.3922
CMYK	0.00, 0.81, 0.39, 0.00
HSL	329°, 100%, 60%
HSV	329°, 81%, 100%
XYZ	48.2547, 25.8232, 33.4514
YIQ	122.6780, 88.7500, 76.6380

Conversions

Conversions Part 2

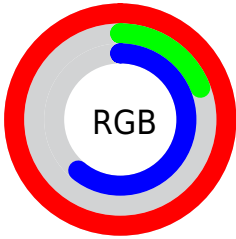
Format	Color
R _Y B	255, 49, 155
Decimal	16724379
CIE Lab	57.87, 80.47, -7.59
CIE LCh	58, 80.828, 354.611
Yxy	25.8246, 0.4488, 0.2402
Android (android.graphics.Color)	4294914459 (0xFFFF319B)
YUV	122.6780, 15.9347, 116.0464
Hunter-Lab	50.8165, 80.5724, -3.4578

Details

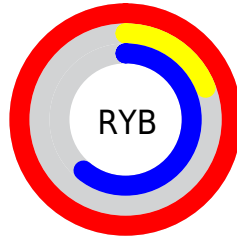
The HunterLab color **50.8165, 80.5724, -3.4578** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **86.2228, -63.0019, 32.4702**, and the grayscale version is **44.2986, -2.3637, 2.4068**.

A 20% lighter version of the original color is **62.3060, 60.6439, -17.9474**, and **35.1240, 62.9964, 0.6386** is the 20% darker color. If you saturate the color by 10%, you get **48.8520, 84.3636, 0.2228**, and if you desaturate by 10%, it is **53.8804, 73.7844, -5.9402**.

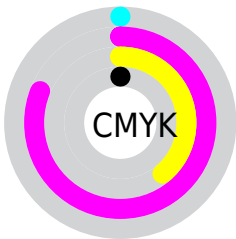
Distribution



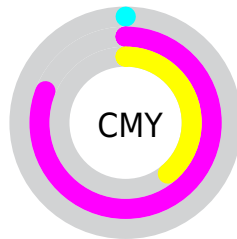
- Red (100%)
- Green (19%)
- Blue (61%)



- Red (100%)
- Yellow (19%)
- Blue (61%)



- Cyan (0%)
- Magenta (81%)
- Yellow (39%)
- Black (0%)



- Cyan (0%)
- Magenta (81%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.8165, 80.5724, -3.4578 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 50.8165, 80.5724, -3.4578 by changing the saturation by 10% instead.

50.8165, 80.5724,
-3.4578

50.8165, 80.5724,
-3.4578

167.9048, 99.9074,
0.1661

40.8564, 78.1000,
-3.6150

72.7955, 85.4282,
-2.9649

31.6472, 75.7137,
-3.7071

84.7324, 87.7562,
-2.6424

23.2577, 73.6128,
-3.7233

97.2586, 89.9994,
-2.2740

15.7776, 72.3021,
-3.6518

110.3477, 92.1544,
-1.8625

9.3342, 73.3050,
-3.4798

123.9764, 94.2208,
-1.4107

0.0000, INF, -NF

0.0000, INF, NaN

138.1240, 96.2001,

-0.9207

0.0000, NaN, NaN

152.7724, 98.0947,
-0.3946

0.0000, NaN, NaN

■ 50.8165, 80.5724,
-3.4578

■ 50.8165, 80.5724,
-3.4578

■ 48.8520, 84.3636,
0.2228

■ 53.8804, 73.7844,
-5.9402

■ 47.8583, 85.3944,
4.2935

■ 58.0199, 64.6362,
-7.1110

■ 63.1431, 53.9387,
-7.0494

■ 69.1255, 42.4121,
-5.9415

■ 75.8408, 30.5677,
-3.9977

■ 83.1756, 18.7157,
-1.4063

■ 91.0339, 7.0188,
1.6812

■ 99.3376, -4.4538,
5.1501

■ 100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



50.8179, 62.6561, -48.3287



50.8165, 80.5724, -3.4578



50.8179, 71.8173, 22.5090

Triad

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



50.8179, 80.5677, -3.4562



50.8179, -27.2698, 33.0892



50.8179, -35.4229, -79.0423

Complementary

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



50.8165, 80.5724, -3.4578



86.2228, -63.0019, 32.4702

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.



50.8179, -49.6917, -30.7266



50.8165, 80.5724, -3.4578



50.8179, -45.9290, 27.2725

Square

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



50.8179, 80.5677, -3.4562



50.8179, 3.6002, 33.9353



50.8179, -52.9545, 8.2893



50.8179, -8.7347, -106.9822

Rectangle

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



50.8165, 80.5724, -3.4578



50.8179, 52.9838, 29.9853



50.8179, -52.9545, 8.2893



50.8179, -41.5183, -63.5543

Sweetspot

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



50.8179, 80.5677, -3.4562



80.7506, 22.5235, -2.3021



39.7086, 71.9577, -115.5331



36.1493, 12.3751, -1.4931

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.8179, 80.5677, -3.4562



48.1384, 85.1807, 2.9596



48.6930, 72.3043, 27.2493



42.5948, 2.5654, 0.9733



34.6385, 61.8873, 2.4775



10.9102, 19.6802, -0.6727

Inverse Universe

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



50.8179, 80.5677, -3.4562



48.1384, 85.1807, 2.9596



88.9799, -46.3246, -7.1085



42.5948, 2.5654, 0.9733



34.6385, 61.8873, 2.4775



10.9102, 19.6802, -0.6727

Previews

White Background



This preview shows how the HunterLab color 50.8165, 80.5724, -3.4578 looks on a white background.

Color Contrast Check

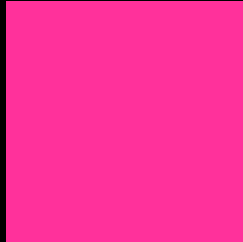
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.8165, 80.5724, -3.4578 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 50.8165, 80.5724, -3.4578 Background



This preview shows how black text looks on a background with the HunterLab color 50.8165, 80.5724, -3.4578.



This preview shows how white text looks on a background with the HunterLab color 50.8165, 80.5724, -3.4578.

-3.4578.

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

50.8165, 80.5724, -3.4578

Protanopia

51.0932, 6.7087, -39.9140

Deuteranopia

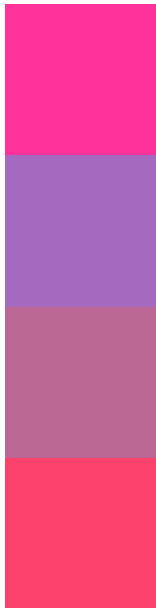
50.8491, 3.5215, 0.1598



Tritanopia

50.7657, 63.2274, 23.9705

Trichromacy



Original Color

50.8165, 80.5724, -3.4578

Protanomaly

46.7590, 32.5904, -33.1163

Deuteranomaly

47.7095, 32.9189, -5.3609

Tritanomaly

50.5140, 69.3320, 16.3356

Monochromacy



Original Color

50.8165, 80.5724, -3.4578

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

43.3277, 28.6150, -4.1669

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.8165, 80.5724, -3.4578 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(255, 49, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 49, 155)  
}
```

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(255, 49, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 49, 155) }
```

Border

The CSS property to change the border of an element to HunterLab 50.8165, 80.5724, -3.4578 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(255, 49, 155) }
```


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

```
.border{ border-color:rgb(255, 49, 155) }
```

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

Here you see how a box with a 4 pixel rgb(255, 49, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 49, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 49, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 49,  
155) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.8165, 80.5724, -3.4578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 49, 155) }
```

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

```
.background{ background-color: rgb(255, 49,  
155) }
```

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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