

Converting Colors

HunterLab(50.1817, 76.9093,
8.2033)

Have a look what the booklet for
HunterLab(50.1817, 76.9093,
8.2033) contains.

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Color

**HunterLab(50.1858, 76.9253,
8.1441)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3380
RGB	255, 51, 128
RGB Percent	100%, 20%, 50%
CMY	0.0000, 0.7999, 0.4980
CMYK	0.00, 0.80, 0.50, 0.00
HSL	337°, 100%, 60%
HSV	337°, 80%, 100%
XYZ	46.3201, 25.1861, 22.8422
YIQ	120.7740, 96.8670, 67.1950

Conversions

Conversions Part 2

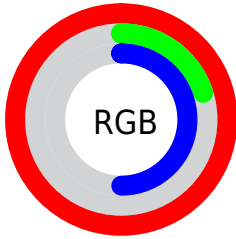
Format	Color
R_{YB}	255, 51, 128
Decimal	16724864
CIE _{Lab}	57.26, 77.71, 7.47
CIE _{LCh}	57, 78.065, 5.489
Yxy	25.1876, 0.4909, 0.2670
Android (android.graphics.Color)	4294914944 (0xFFFF3380)
YUV	120.7740, 3.5624, 117.7162
Hunter-Lab	50.1858, 76.9253, 8.1441

Details

The HunterLab color **50.1858, 76.9253, 8.1441** is a dark color, and the websafe version is hex **FF0066**. The color can be described as middle washed rose. A complement of this color would be **86.8556, -59.1802, 23.7262**, and the grayscale version is **43.6024, -2.3265, 2.3690**.

A 20% lighter version of the original color is **61.2806, 56.0493, -3.5540**, and **34.3089, 60.4003, 9.4152** is the 20% darker color. If you saturate the color by 10%, you get **48.1146, 81.0018, 12.1316**, and if you desaturate by 10%, it is **53.3950, 69.9809, 4.8830**.

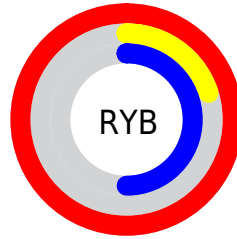
Distribution



Red (100%)

Green (20%)

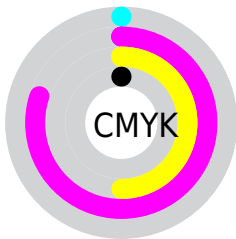
Blue (50%)



Red (100%)

Yellow (20%)

Blue (50%)

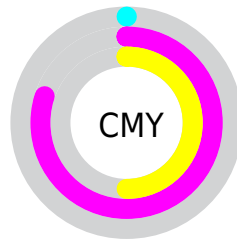


Cyan (0%)

Magenta (80%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 50.1858, 76.9253, 8.1441 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 50.1858, 76.9253, 8.1441 by changing the saturation by 10% instead.


 50.1858, 76.9253,
8.1441


 50.1858, 76.9253,
8.1441


166.9644, 95.6687,
17.4415


 40.2702, 74.4926,
7.1748


 72.0843, 81.6702,
10.1111


 31.1091, 72.1277,
6.2055


 83.9841, 83.9345,
11.1119


 22.7724, 70.0172,
5.2281

 96.4750, 86.1109,
12.1270

 15.3516, 68.6437,
4.2253

 109.5303, 88.1972,
13.1573

 8.9637, 69.6472,
3.9413

 123.1266, 90.1938,
14.2035

0.0000, INF, NaN

0.0000, INF, NaN

137.2430, 92.1027,

15.2662

0.0000, NaN, NaN

151.8612, 93.9266,
16.3454

0.0000, NaN, NaN

■ 50.1858, 76.9253,
8.1441

■ 50.1858, 76.9253,
8.1441

■ 48.1146, 81.0018,
12.1316

■ 53.3950, 69.9809,
4.8830

■ 47.0206, 82.3279,
16.3856

■ 57.7022, 60.8604,
2.5648

■ 47.0200, 82.3286,
16.3884

■ 63.0020, 50.3800,
1.2301

■ 69.1606, 39.2293,
0.7973

■ 76.0464, 27.8757,
1.1323

■ 83.5437, 16.5886,
2.0953

■ 91.5560, 5.4996,
3.5629

100.0000, -5.3359,
5.4331

Harmonies

Analogous

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



50.1873, 68.6748, -29.1275



50.1858, 76.9253, 8.1441



50.1873, 59.7841, 26.5906

Triad

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



50.1873, 76.9203, 8.1454



50.1873, -34.3329, 31.1595



50.1873, -26.2846, -88.4305

Complementary

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



50.1858, 76.9253, 8.1441



86.8556, -59.1802, 23.7262

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.



50.1873, -44.4440, -46.1554



50.1858, 76.9253, 8.1441



50.1873, -48.1848, 21.8102

Square

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



50.1873, 76.9203, 8.1454



50.1873, -8.5799, 33.2855



50.1873, -51.3418, -3.3613



50.1873, 3.5045, -101.4019

Rectangle

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



50.1858, 76.9253, 8.1441



50.1873, 38.3442, 31.3029



50.1873, -51.3418, -3.3613



50.1873, -33.6822, -76.2622

Sweetspot

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



50.1873, 76.9203, 8.1454



80.4730, 21.0924, 1.6424



43.4897, 77.0778, -100.8318



36.0014, 11.6216, 0.6077

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.1873, 76.9203, 8.1454



47.3840, 81.9948, 14.7125



51.4842, 63.6377, 29.2293



42.5447, 2.2965, 1.6867



34.0280, 59.6557, 11.2767



10.7136, 18.9653, 2.1335

Inverse Universe

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



50.1873, 76.9203, 8.1454



47.3840, 81.9948, 14.7125



80.7397, -35.0686, -20.3360



42.5447, 2.2965, 1.6867



34.0280, 59.6557, 11.2767



10.7136, 18.9653, 2.1335

Previews

White Background



This preview shows how the HunterLab color 50.1858, 76.9253, 8.1441 looks on a white background.

Color Contrast Check

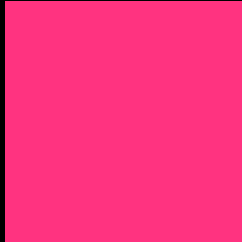
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.1858, 76.9253, 8.1441 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 50.1858, 76.9253, 8.1441 Background



This preview shows how black text looks on a background with the HunterLab color 50.1858, 76.9253, 8.1441.



This preview shows how white text looks on a background with the HunterLab color 50.1858, 76.9253, 8.1441.

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

50.1858, 76.9253, 8.1441

Protanopia

50.2918, 2.2978, -16.7842

Deuteranopia

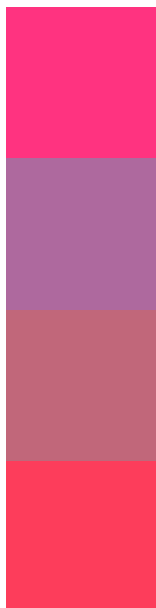
50.3509, 3.2014, 10.8996



Tritanopia

50.1517, 66.1967, 25.2120

Trichromacy



Original Color

50.1858, 76.9253, 8.1441

Protanomaly

46.4440, 28.9449, -12.1696

Deuteranomaly

47.3741, 31.4708, 6.6991

Tritanomaly

49.9755, 69.9325, 20.2767

Monochromacy



Original Color

50.1858, 76.9253, 8.1441

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

42.8568, 26.6214, 0.4936

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.1858, 76.9253, 8.1441 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, 51, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 128)  
}
```

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, 51, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 50.1858, 76.9253, 8.1441 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, 51, 128) }
```


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

```
.border{ border-color:rgb(255, 51, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 51, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.1858, 76.9253, 8.1441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 128) }
```

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

```
.background{ background-color: rgb(255, 51,  
128) }
```

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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