

Converting Colors

HunterLab(50.4434, 87.1769,
-15.5180)

Have a look what the booklet for
HunterLab(50.4434, 87.1769,
-15.5180) contains.

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Color

**HunterLab(50.4800, 87.1202,
-15.6120)**

Conversions

Conversions Part 1

Format	Color
Hex	FF21B0
RGB	255, 33, 176
RGB Percent	100%, 13%, 69%
CMY	0.0000, 0.8705, 0.3098
CMYK	0.00, 0.87, 0.31, 0.00
HSL	321°, 100%, 56%
HSV	321°, 87%, 100%
XYZ	49.6203, 25.4823, 43.3776
YIQ	115.6800, 86.4090, 91.5370

Conversions

Conversions Part 2

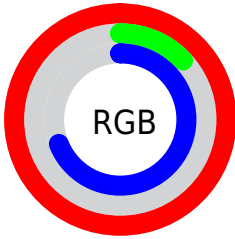
Format	Color
R_{YB}	255, 33, 176
Decimal	16720304
CIE _{Lab}	57.54, 85.61, -20.36
CIE _{LCh}	58, 87.995, 346.619
Yxy	25.4837, 0.4188, 0.2151
Android (android.graphics.Color)	4294910384 (0xFFFF21B0)
YUV	115.6800, 29.7378, 122.1836
Hunter-Lab	50.4800, 87.1202, -15.6120

Details

The HunterLab color **50.4800, 87.1202, -15.6120** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **85.4483, -67.4084, 40.8314**, and the grayscale version is **41.5381, -2.2164, 2.2568**.

A 20% lighter version of the original color is **61.8369, 68.9705, -33.8884**, and **35.7317, 65.1937, -7.9347** is the 20% darker color. If you saturate the color by 10%, you get **49.2043, 89.0751, -12.1304**, and if you desaturate by 10%, it is **52.7686, 82.0146, -17.6669**.

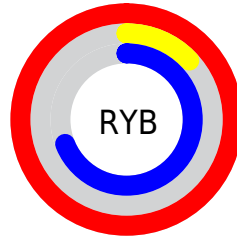
Distribution



Red (100%)

Green (13%)

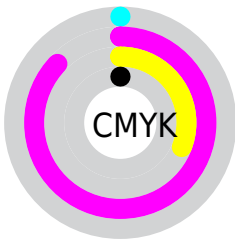
Blue (69%)



Red (100%)

Yellow (13%)

Blue (69%)

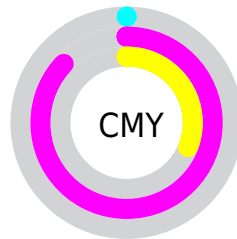


Cyan (0%)

Magenta (87%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (87%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.4800, 87.1202, -15.6120 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 50.4800, 87.1202, -15.6120 by changing the saturation by 10% instead.

50.4800, 87.1202,
-15.6120

50.4800, 87.1202,
-15.6120

167.4031,
107.6049, -16.0339

40.5435, 84.5908,
-15.2689

72.4160, 92.1778,
-16.0963

31.3599, 82.2061,
-14.8630

84.3331, 94.6291,
-16.2461

22.9985, 80.2172,
-14.4033

96.8406, 97.0033,
-16.3381

15.5499, 79.2519,
-13.9297

109.9116, 99.2939,
-16.3753

9.1385, 81.2656,
-13.6032

123.5230,
101.4986, -16.3609

0.0000, INF, -NF

0.0000, INF, NaN

137.6541,

103.6175, -16.2976

0.0000, NaN, NaN

152.2863,
105.6522, -16.1878

0.0000, NaN, NaN

■ 50.4800, 87.1202,
-15.6120

■ 50.4800, 87.1202,
-15.6120

■ 49.2043, 89.0751,
-12.1304

■ 52.7686, 82.0146,
-17.6669

■ 48.9380, 89.3029,
-10.9746

■ 56.1304, 74.0272,
-18.1226

■ 60.5244, 63.8726,
-17.0731

■ 65.8509, 52.3592,
-14.7675

■ 71.9891, 40.1565,
-11.4941

78.8204, 27.7239,
-7.5096

86.2396, 15.3340,
-3.0148

94.1579, 3.1268,
1.8447

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.



50.4813, 60.3036, -69.5944



50.4800, 87.1202, -15.6120



50.4813, 85.4382, 18.5562

Triad

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



50.4813, 87.1156, -15.6102



50.4813, -21.5187, 34.1115



50.4813, -42.9377, -75.6181

Complementary

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



50.4800, 87.1202, -15.6120



85.4483, -67.4084, 40.8314

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.



50.4813, -54.4729, -20.7637



50.4800, 87.1202, -15.6120



50.4813, -44.7792, 30.6655

Square

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



50.4813, 87.1156, -15.6102



50.4813, 14.8925, 34.2196



50.4813, -55.0318, 16.0626



50.4813, -18.1643, -117.8494

Rectangle

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



50.4800, 87.1202, -15.6120



50.4813, 68.2502, 28.7774



50.4813, -55.0318, 16.0626



50.4813, -48.1346, -56.7875

Sweetspot

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



50.4813, 87.1156, -15.6102



79.5730, 26.4185, -7.0590



34.1616, 71.4439, -141.8978



35.6762, 14.2170, -3.9441

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.4813, 87.1156, -15.6102



48.9380, 89.3029, -10.9746



47.6930, 76.6398, 24.2606



42.6429, 2.8234, 0.2887



35.4168, 64.7032, -8.5156



11.1452, 20.5268, -3.9631

Inverse Universe

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



50.4813, 87.1156, -15.6102



48.9380, 89.3029, -10.9746



87.8076, -52.9698, 6.6568



42.6429, 2.8234, 0.2887



35.4168, 64.7032, -8.5156



11.1452, 20.5268, -3.9631

Previews

White Background



This preview shows how the HunterLab color 50.4800, 87.1202, -15.6120 looks on a white background.

Color Contrast Check

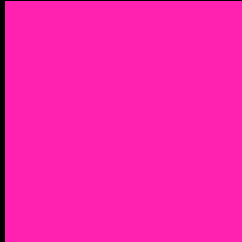
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.4800, 87.1202, -15.6120 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 50.4800, 87.1202, -15.6120 Background



This preview shows how black text looks on a background with the HunterLab color 50.4800, 87.1202, -15.6120.



This preview shows how white text looks on a background with the HunterLab color 50.4800, 87.1202, -15.6120.

-15.6120.

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

50.4800, 87.1202, -15.6120

Protanopia

50.9980, 13.0589, -69.7117

Deuteranopia

50.5307, 3.7801, -10.5650



Tritanopia

50.4025, 62.4343, 23.6721

Trichromacy



Original Color

50.4800, 87.1202, -15.6120



Protanomaly

45.0019, 38.7802, -61.7168



Deuteranomaly

46.2857, 36.9510, -18.9142



Tritanomaly

49.8518, 71.6842, 13.0399

Monochromacy



Original Color

50.4800, 87.1202, -15.6120



Achromatopsia

41.7908, -2.2299, 2.2706



Achromatomaly

40.8730, 32.6364, -9.1220

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.4800, 87.1202, -15.6120 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, 33, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 33, 176)  
}
```

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, 33, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 33, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 50.4800, 87.1202, -15.6120 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, 33, 176) }
```


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

```
.border{ border-color:rgb(255, 33, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 33, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 33, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 33, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 33,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.4800, 87.1202, -15.6120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 33, 176) }
```

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

```
.background{ background-color: rgb(255, 33,  
176) }
```

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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