

Converting Colors

HunterLab(52.1515, 87.6880,
-33.6494)

Have a look what the booklet for
HunterLab(52.1515, 87.6880,
-33.6494) contains.

| | |
|--|----|
| HunterLab(52.0847, 87.4150, -33.5732) | 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(52.0847, 87.4150,
-33.5732)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FB30CF |
| RGB | 251, 48, 207 |
| RGB Percent | 98%, 19%, 81% |
| CMY | 0.0157, 0.8117, 0.1882 |
| CMYK | 0.00, 0.81, 0.18, 0.02 |
| HSL | 313°, 96%, 59% |
| HSV | 313°, 81%, 98% |
| XYZ | 52.1031, 27.1282, 61.5217 |
| YIQ | 126.8230, 69.9490, 92.4850 |

Conversions

Conversions Part 2

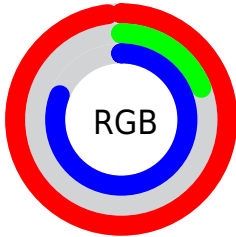
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 251, 48, 207 |
| Decimal | 16462031 |
| CIE Lab | 59.09, 85.53, -35.87 |
| CIE LCh | 59, 92.748, 337.247 |
| Yxy | 27.1295, 0.3702, 0.1927 |
| Android (android.graphics.Color) | 4294652111 (0xFFFB30CF) |
| YUV | 126.8230, 39.5273, 108.9032 |
| Hunter-Lab | 52.0847, 87.4150, -33.5732 |

Details

The HunterLab color **52.0847, 87.4150, -33.5732** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **83.9027, -66.7317, 43.3747**, and the grayscale version is **45.8331, -2.4455, 2.4902**.

A 20% lighter version of the original color is **64.3715, 69.7236, -46.2534**, and **36.3513, 68.4888, -24.8525** is the 20% darker color. If you saturate the color by 10%, you get **50.3609, 91.5604, -32.8278**, and if you desaturate by 10%, it is **54.8319, 80.2054, -32.4764**.

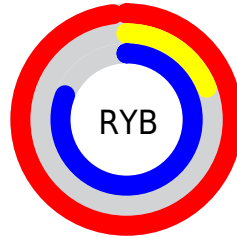
Distribution



Red (98%)

Green (19%)

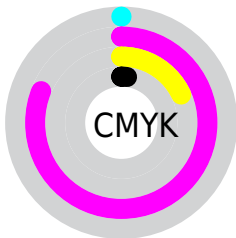
Blue (81%)



Red (98%)

Yellow (19%)

Blue (81%)

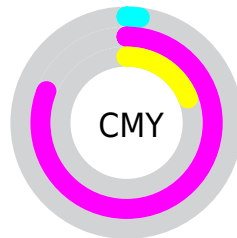


Cyan (0%)

Magenta (81%)

Yellow (18%)

Black (2%)



Cyan (2%)

Magenta (81%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.0847, 87.4150, -33.5732 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 52.0847, 87.4150, -33.5732 by changing the saturation by 10% instead.

52.0847, 87.4150,
-33.5732

52.0847, 87.4150,
-33.5732

169.7892,
107.7843, -37.6389

42.0363, 84.8781,
-32.9352

74.2238, 92.4598,
-34.7928

32.7318, 82.4599,
-32.3349

86.2343, 94.8981,
-35.3459

24.2377, 80.3813,
-31.8670

98.8308, 97.2578,
-35.8516

16.6404, 79.1812,
-31.7650

111.9871, 99.5332,
-36.3078

10.0616, 80.4195,
-32.7049

125.6803,
101.7225, -36.7140

0.0000, INF, -NF

139.8902,

0.0000, NaN, NaN

103.8263, -37.0705

0.0000, NaN, NaN

154.5986,
105.8461, -37.3784

■ 52.0847, 87.4150,
-33.5732

■ 52.0847, 87.4150,
-33.5732

■ 50.3609, 91.5604,
-32.8278

■ 54.8319, 80.2054,
-32.4764

■ 49.5196, 92.9066,
-30.8126

■ 58.6011, 70.4963,
-29.6838

■ 63.3236, 59.0731,
-25.5252

■ 68.8939, 46.6783,
-20.3771

■ 75.1977, 33.8713,
-14.5671

82.1278, 21.0115,
-8.3403

89.5912, 8.3000,
-1.8637

97.5101, -4.1682,
4.7558

99.6240, -6.6462,
4.9668

Harmonies

Analogous

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



52.0860, 51.6299, -93.7247



52.0847, 87.4150, -33.5732



52.0860, 96.0246, 11.1519

Triad

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



52.0860, 87.4113, -33.5710



52.0860, -12.0224, 35.6740



52.0860, -50.5073, -62.6053

Complementary

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



52.0847, 87.4150, -33.5732



83.9027, -66.7317, 43.3747

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.



52.0860, -58.7480, -7.1290



52.0847, 87.4150, -33.5732



52.0860, -41.2463, 33.7913

Square

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



52.0860, 87.4113, -33.5710



52.0860, 29.9738, 35.1457



52.0860, -55.9538, 23.7551



52.0860, -29.0259, -117.5190

Rectangle

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



52.0847, 87.4150, -33.5732



52.0860, 83.4179, 26.2546



52.0860, -55.9538, 23.7551



52.0860, -54.5734, -42.2848

Sweetspot

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



52.0860, 87.4113, -33.5710



81.3323, 25.5068, -10.5222



33.6976, 62.2453, -138.7284



36.4628, 13.9618, -5.9153

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



52.0860, 87.4113, -33.5710



50.6569, 94.2690, -32.0877



48.6367, 74.2346, 14.8035



41.7808, 3.0266, -0.4418



35.9335, 67.4693, -22.7653



11.0060, 20.7820, -7.8798

Inverse Universe

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



52.0860, 87.4113, -33.5710



50.6569, 94.2690, -32.0877



85.7296, -55.5039, 16.7644



41.7808, 3.0266, -0.4418



35.9335, 67.4693, -22.7653



11.0060, 20.7820, -7.8798

Previews

White Background



This preview shows how the HunterLab color 52.0847, 87.4150, -33.5732 looks on a white background.

Color Contrast Check

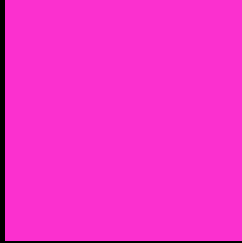
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.0847, 87.4150, -33.5732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

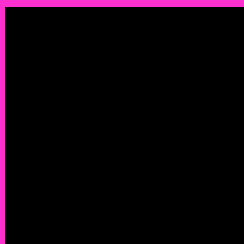
Any Text WCAG AA ✓ Pass

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 52.0847, 87.4150, -33.5732 Background



This preview shows how black text looks on a background with the HunterLab color 52.0847, 87.4150, -33.5732.



This preview shows how white text looks on a background with the HunterLab color 52.0847, 87.4150, -33.5732.

-33.5732.

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

52.0847, 87.4150, -33.5732

Protanopia

52.5963, 13.5721, -74.0009

Deuteranopia

52.3694, 3.7208, -26.1178



Tritanopia

51.9880, 53.6672, 20.3536

Trichromacy



Original Color

52.0847, 87.4150, -33.5732



Protanomaly

47.5312, 38.6493, -70.9351



Deuteranomaly

48.2668, 35.2107, -36.0147



Tritanomaly

51.2076, 65.9102, 5.7388

Monochromacy



Original Color

52.0847, 87.4150, -33.5732



Achromatopsia

46.0685, -2.4581, 2.5030



Achromatomaly

44.6165, 31.4688, -13.7532

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.0847, 87.4150, -33.5732 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(251, 48, 207)` looks like.

```
.text, #text, p{  
    color:rgb(251, 48, 207)  
}
```

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(251, 48, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 48, 207) }
```

Border

The CSS property to change the border of an element to HunterLab 52.0847, 87.4150, -33.5732 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(251, 48, 207) }
```


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

```
.border{ border-color:rgb(251, 48, 207) }
```

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

Here you see how a box with a 4 pixel rgb(251, 48, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 48, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 48, 207);  
box-shadow:4px 4px 4px 4px rgb(251, 48,  
207) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.0847, 87.4150, -33.5732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 48, 207) }
```

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

```
.background{ background-color: rgb(251, 48,  
207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor