

Converting Colors

HunterLab(51.5507, 101.3501,
-67.9904)

Have a look what the booklet for
HunterLab(51.5507, 101.3501,
-67.9904) contains.

HunterLab(51.4680, 101.1879, -67.8833)	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(51.4680,
101.1879, -67.8833)**

Conversions

Conversions Part 1

Format	Color
Hex	F700F7
RGB	247, 0, 247
RGB Percent	97%, 0%, 97%
CMY	0.0314, 0.9998, 0.0314
CMYK	0.00, 1.00, 0.00, 0.03
HSL	300°, 100%, 48%
HSV	300°, 100%, 97%
XYZ	55.1463, 26.4896, 90.2022
YIQ	102.0110, 67.9250, 129.1810

Conversions

Conversions Part 2

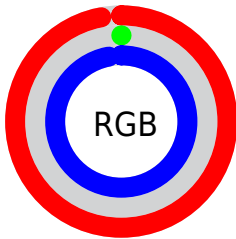
Format	Color
R_{YB}	247, 0, 247
Decimal	16187639
CIE _{Lab}	58.50, 95.91, -59.39
CIE _{LCh}	58, 112.807, 328.233
Yxy	26.4908, 0.3209, 0.1542
Android (android.graphics.Color)	4294377719 (0xFFFF700F7)
YUV	102.0110, 71.4796, 127.1554
Hunter-Lab	51.4680, 101.1879, -67.8833

Details

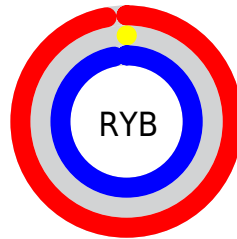
The HunterLab color **51.4680, 101.1879, -67.8833** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **81.5616, -69.9378, 49.0326**, and the grayscale version is **36.1855, -1.9308, 1.9660**.

A 20% lighter version of the original color is **61.9521, 76.6768, -51.0255**, and **37.4593, 74.0745, -52.7266** is the 20% darker color. If you saturate the color by 10%, you get **51.4683, 101.1884, -67.8829**, and if you desaturate by 10%, it is **52.1288, 98.7807, -66.2337**.

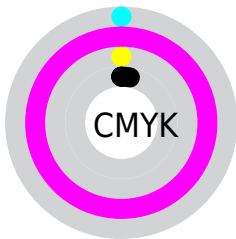
Distribution



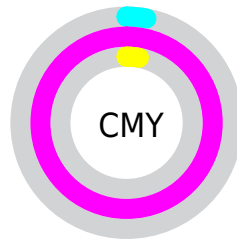
- Red (97%)
- Green (0%)
- Blue (97%)



- Red (97%)
- Yellow (0%)
- Blue (97%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (3%)



- Cyan (3%)
- Magenta (100%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.4680, 101.1879, -67.8833 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 51.4680, 101.1879, -67.8833 by changing the saturation by 10% instead.

51.4680, 101.1879,
-67.8833

51.4680, 101.1879,
-67.8833

168.8736,
123.6762, -74.6346

41.4622, 98.5871,
-67.6058

73.5293, 106.5678,
-69.1247

32.2038, 96.2380,
-67.8303

85.5042, 109.2276,
-69.9002

23.7604, 94.4743,
-69.0132

98.0666, 111.8283,
-70.7116

16.2197, 94.0973,
-72.2166

111.1903,
114.3574, -71.5318

9.7065, 97.4333,
-80.4760

124.8523,
116.8085, -72.3437

0.0000, INF, -NF

0.0000, NaN, -NF

139.0320,

119.1787, -73.1360

153.7113,
121.4677, -73.9013

■ 51.4680, 101.1879,
-67.8833

■ 51.4680, 101.1879,
-67.8833

■ 51.4683, 101.1884,
-67.8829

■ 52.1288, 98.7807,
-66.2337

■ 53.5945, 93.6002,
-62.6844

■ 56.0415, 85.4083,
-57.0695

■ 59.4842, 74.7317,
-49.7469

■ 63.8677, 62.3431,
-41.2431

■ 69.0984, 48.9925,
-32.0698

■ 75.0700, 35.2613,
-22.6243

■ 81.6793, 21.5319,
-13.1685

■ 88.8341, 8.0214,
-3.8517

Harmonies

Analogous

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



51.4692, 48.4194, -149.3952



51.4680, 101.1879, -67.8833



51.4692, 125.3110, 0.0279

Triad

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



51.4692, 101.1851, -67.8806



51.4692, 0.1201, 36.0284



51.4692, -61.3225, -58.1976

Complementary

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



51.4680, 101.1879, -67.8833



81.5616, -69.9378, 49.0326

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.



51.4692, -66.2145, 5.4291



51.4680, 101.1879, -67.8833



51.4692, -39.4488, 35.9096

Square

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



51.4692, 101.1851, -67.8806



51.4692, 55.2131, 35.6294



51.4692, -59.9480, 30.8648



51.4692, -42.7903, -141.0298

Rectangle

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



51.4680, 101.1879, -67.8833



51.4692, 117.0640, 23.3547



51.4692, -59.9480, 30.8648



51.4692, -64.2352, -32.8037

Sweetspot

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



51.4692, 101.1851, -67.8806



77.7947, 36.6583, -23.5251



25.9165, 70.2852, -184.1131



34.7424, 19.7501, -12.8038

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.4692, 101.1851, -67.8806



53.3666, 104.9204, -70.3865



46.0636, 82.0131, 5.4795



40.9492, 3.3746, -1.5559



37.4292, 73.5869, -49.3663



11.0964, 21.8158, -14.6353

Inverse Universe

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



51.4692, 101.1851, -67.8806



53.3666, 104.9204, -70.3865



82.4415, -64.4433, 36.0718



40.9492, 3.3746, -1.5559



37.4292, 73.5869, -49.3663



11.0964, 21.8158, -14.6353

Previews

White Background



This preview shows how the HunterLab color 51.4680, 101.1879, -67.8833 looks on a white background.

Color Contrast Check

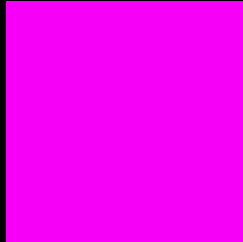
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.4680, 101.1879, -67.8833 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 51.4680, 101.1879, -67.8833 Background



This preview shows how black text looks on a background with the HunterLab color 51.4680, 101.1879, -67.8833.



This preview shows how white text looks on a background with the HunterLab color 51.4680,

101.1879, -67.8833.

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

51.4680, 101.1879, -67.8833

Protanopia

52.1448, 13.5575, -75.2028

Deuteranopia

52.0610, 4.8439, -54.7802



Tritanopia

51.4952, 47.4204, 17.7870

Trichromacy



Original Color

51.4680, 101.1879, -67.8833



Protanomaly

44.4505, 51.5803, -94.5476



Deuteranomaly

43.9955, 46.5255, -80.0494



Tritanomaly

48.8020, 70.2805, -6.3728

Monochromacy



Original Color

51.4680, 101.1879, -67.8833



Achromatopsia

36.4511, -1.9449, 1.9805



Achromatomaly

36.2156, 41.7259, -27.7219

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4680, 101.1879, -67.8833 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(247, 0, 247)` looks like.

```
.text, #text, p{  
    color:rgb(247, 0, 247)  
}
```

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(247, 0, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 0, 247) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4680, 101.1879, -67.8833 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(247, 0, 247) }
```


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

```
.border{ border-color:rgb(247, 0, 247) }
```

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

Here you see how a box with a 4 pixel rgb(247, 0, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 0, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 0, 247);  
box-shadow:4px 4px 4px 4px rgb(247, 0,  
247) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.4680, 101.1879, -67.8833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 0, 247) }
```

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

```
.background{ background-color: rgb(247, 0,  
247) }
```

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