

# Converting Colors

HunterLab(50.9472, 100.1631,  
-67.1889)

Have a look what the booklet for  
HunterLab(50.9472, 100.1631,  
-67.1889) contains.

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# Color

**HunterLab(50.9951,  
100.2582, -67.2596)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F500F5
RGB	245, 0, 245
RGB Percent	96%, 0%, 96%
CMY	0.0392, 0.9998, 0.0392
CMYK	0.00, 1.00, 0.00, 0.04
HSL	300°, 100%, 48%
HSV	300°, 100%, 96%
XYZ	54.1375, 26.0050, 88.5522
YIQ	101.1850, 67.3750, 128.1350

# Conversions

## Conversions Part 2

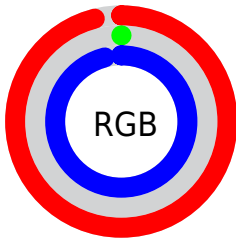
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 0, 245
Decimal	16056565
CIE <sub>Lab</sub>	58.04, 95.32, -59.03
CIE <sub>LCh</sub>	58, 112.115, 328.233
Yxy	26.0062, 0.3209, 0.1542
Android (android.graphics.Color)	4294246645 (0xFFFF500F5)
YUV	101.1850, 70.9008, 126.1258
Hunter-Lab	50.9951, 100.2582, -67.2596

# Details

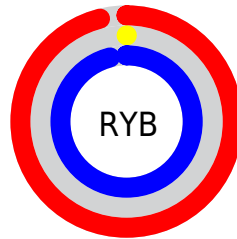
The HunterLab color **50.9951, 100.2582, -67.2596** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **80.8122, -69.2952, 48.5821**, and the grayscale version is **35.8767, -1.9143, 1.9492**.

A 20% lighter version of the original color is **61.7904, 77.1552, -51.3537**, and **37.1769, 73.4326, -51.6824** is the 20% darker color. If you saturate the color by 10%, you get **50.9954, 100.2586, -67.2591**, and if you desaturate by 10%, it is **51.6538, 97.8590, -65.6155**.

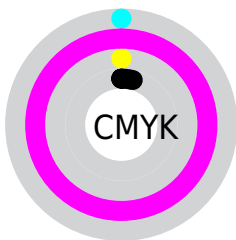
# Distribution



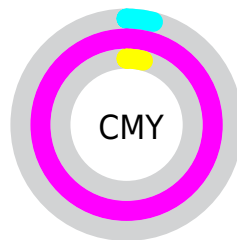
- Red (96%)
- Green (0%)
- Blue (96%)



- Red (96%)
- Yellow (0%)
- Blue (96%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (4%)




- Cyan (4%)
- Magenta (100%)
- Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.9951, 100.2582, -67.2596 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 50.9951, 100.2582, -67.2596 by changing the saturation by 10% instead.





 50.9951, 100.2582,  
-67.2596


 50.9951, 100.2582,  
-67.2596


168.1703,  
122.6591, -73.9883


 41.0223, 97.6660,  
-66.9842


 72.9966, 105.6214,  
-68.4987


 31.7996, 95.3277,  
-67.2144


 84.9439, 108.2723,  
-69.2726


 23.3952, 93.5832,  
-68.4148

 97.4800, 110.8636,  
-70.0819

 15.8984, 93.2545,  
-71.6746

 110.5786,  
113.3829, -70.8996

 9.4361, 96.7583,  
-80.1464

 124.2164,  
115.8237, -71.7085

0.0000, INF, -NF

138.3729,

0.0000, NaN, -NF

118.1834, -72.4974

153.0297,  
120.4616, -73.2589

■ 50.9951, 100.2582,  
-67.2596

■ 50.9951, 100.2582,  
-67.2596

■ 50.9954, 100.2586,  
-67.2591

■ 51.6538, 97.8590,  
-65.6155

■ 53.1087, 92.7170,  
-62.0925

■ 55.5354, 84.5948,  
-56.5254

■ 58.9478, 74.0150,  
-49.2692

■ 63.2912, 61.7424,  
-40.8450

■ 68.4731, 48.5191,  
-31.7592

■ 74.3883, 34.9198,  
-22.4044

■ 80.9346, 21.3226,  
-13.0396

■ 88.0208, 7.9423,  
-3.8126

# Harmonies

## Analogous

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



50.9963, 47.9745, -148.0226



50.9951, 100.2582, -67.2596



50.9963, 124.1597, 0.0276

# Triad

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



50.9963, 100.2555, -67.2570



50.9963, 0.1189, 35.6974



50.9963, -60.7591, -57.6629

# Complementary

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



50.9951, 100.2582, -67.2596



80.8122, -69.2952, 48.5821

# 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.



50.9963, -65.6061, 5.3792



50.9951, 100.2582, -67.2596



50.9963, -39.0863, 35.5920

# Square

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



50.9963, 100.2555, -67.2570



50.9963, 54.7058, 35.3109



50.9963, -59.3972, 30.5812



50.9963, -42.3971, -139.7341



# Rectangle

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



50.9951, 100.2582, -67.2596



50.9963, 115.9884, 23.1401



50.9963, -59.3972, 30.5812



50.9963, -63.6450, -32.5023

# Sweetspot

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



50.9963, 100.2555, -67.2570



77.7947, 36.6583, -23.5251



25.6784, 69.6394, -182.4216



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.



50.9963, 100.2555, -67.2570



53.3666, 104.9204, -70.3865



45.6418, 81.2649, 5.4083



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.



50.9963, 100.2555, -67.2570



53.3666, 104.9204, -70.3865



81.6848, -63.8462, 35.7285



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 50.9951, 100.2582, -67.2596 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

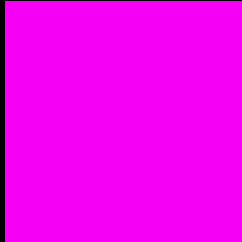
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 50.9951, 100.2582, -67.2596 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

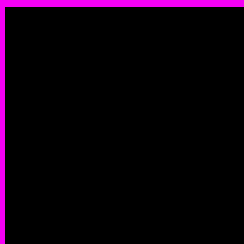
Any Text WCAG AA ✓ Pass

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 50.9951, 100.2582, -67.2596 Background



This preview shows how black text looks on a background with the HunterLab color 50.9951, 100.2582, -67.2596.



This preview shows how white text looks on a background with the HunterLab color 50.9951,

100.2582, -67.2596.

# 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

50.9951, 100.2582, -67.2596

### Protanopia

51.7849, 13.8324, -76.1672

### Deuteranopia

51.6215, 4.6291, -54.0941



## Tritanopia

51.1547, 47.4884, 17.4800

# Trichromacy



## Original Color

50.9951, 100.2582, -67.2596



## Protanomaly

43.9964, 51.3581, -94.9824



## Deuteranomaly

43.7609, 45.7035, -78.7232



## Tritanomaly

48.3386, 69.9325, -7.0256

# Monochromacy



## Original Color

50.9951, 100.2582, -67.2596



## Achromatopsia

36.0744, -1.9248, 1.9600



## Achromatomaly

35.6917, 41.1636, -27.3489

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 50.9951, 100.2582, -67.2596 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(245, 0, 245)` looks like.

```
.text, #text, p{  
    color:rgb(245, 0, 245)  
}
```

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(245, 0, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 0, 245) }
```

## Border

The CSS property to change the border of an element to HunterLab 50.9951, 100.2582, -67.2596 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(245, 0, 245) }
```



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

```
.border{ border-color:rgb(245, 0, 245) }
```

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

Here you see how a box with a 4 pixel rgb(245, 0, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 0, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 0, 245);  
box-shadow:4px 4px 4px 4px rgb(245, 0,  
245) }
```

# Background

The CSS property to change the background color of an element to HunterLab 50.9951, 100.2582, -67.2596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 0, 245) }
```

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

```
.background{ background-color: rgb(245, 0,  
245) }
```

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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