

Converting Colors

HunterLab(49.6685, 96.6314,
-57.6140)

Have a look what the booklet for
HunterLab(49.6685, 96.6314,
-57.6140) contains.

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Color

**HunterLab(49.6455, 96.6405,
-58.0050)**

Conversions

Conversions Part 1

Format	Color
Hex	F200E7
RGB	242, 0, 231
RGB Percent	95%, 0%, 91%
CMY	0.0510, 0.9998, 0.0941
CMYK	0.00, 1.00, 0.05, 0.05
HSL	303°, 100%, 47%
HSV	303°, 100%, 95%
XYZ	51.0417, 24.6468, 77.6684
YIQ	98.6920, 70.0810, 123.1450

Conversions

Conversions Part 2

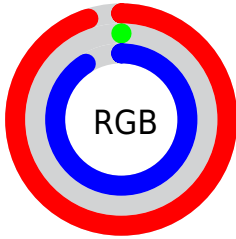
Format	Color
R_{YB}	242, 0, 231
Decimal	15859943
CIE _{Lab}	56.73, 92.92, -53.30
CIE _{LCh}	57, 107.122, 330.159
Yxy	24.6479, 0.3328, 0.1607
Android (android.graphics.Color)	4294050023 (0xFFFF200E7)
YUV	98.6920, 65.2278, 125.6811
Hunter-Lab	49.6455, 96.6405, -58.0050

Details

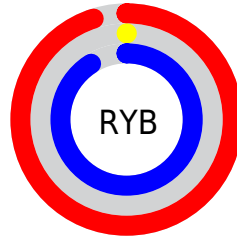
The HunterLab color **49.6455, 96.6405, -58.0050** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **79.7054, -68.2378, 47.6830**, and the grayscale version is **34.9617, -1.8655, 1.8995**.

A 20% lighter version of the original color is **61.6301, 77.6309, -51.6802**, and **35.9429, 70.1643, -43.5258** is the 20% darker color. If you saturate the color by 10%, you get **49.6456, 96.6406, -58.0033**, and if you desaturate by 10%, it is **50.3713, 94.4556, -57.2574**.

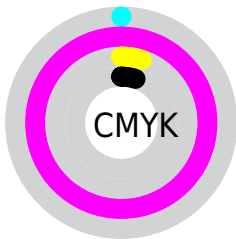
Distribution



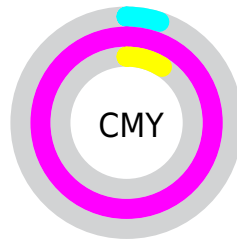
- Red (95%)
- Green (0%)
- Blue (91%)



- Red (95%)
- Yellow (0%)
- Blue (91%)



- Cyan (0%)
- Magenta (100%)
- Yellow (5%)
- Black (5%)




- Cyan (5%)
- Magenta (100%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 49.6455, 96.6405, -58.0050 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 49.6455, 96.6405, -58.0050 by changing the saturation by 10% instead.


 49.6455, 96.6405,
-58.0050


 49.6455, 96.6405,
-58.0050


166.1566,
118.6528, -64.4400


 39.7680, 94.0748,
-57.5717


 71.4741, 101.9359,
-59.3541

 30.6485, 91.7601,
-57.5226


 83.3420, 104.5470,
-60.1213


 22.3575, 90.0463,
-58.2414

 95.8025, 107.0956,
-60.8982

 14.9881, 89.7998,
-60.6524

 108.8286,
109.5698, -61.6647

 8.6321, 94.2749,
-67.9296

 122.3969,
111.9639, -62.4086

0.0000, INF, -NF

136.4864,

0.0000, NaN, -NF

114.2756, -63.1221

0.0000, NaN, NaN

151.0786,
116.5049, -63.8002

■ 49.6455, 96.6405,
-58.0050

■ 49.6455, 96.6405,
-58.0050

■ 49.6456, 96.6406,
-58.0033

■ 50.3713, 94.4556,
-57.2574

■ 51.8869, 89.5673,
-54.7216

■ 54.3632, 81.7518,
-50.2145

■ 57.8094, 71.5368,
-44.0483

■ 62.1676, 59.6768,
-36.6966

■ 67.3442, 46.8939,
-28.6271

■ 73.2347, 33.7418,
-20.2081

■ 79.7384, 20.5822,
-11.6883

■ 86.7666, 7.6196,
-3.2154

Harmonies

Analogous

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



49.6467, 48.6022, -133.6865



49.6455, 96.6405, -58.0050



49.6467, 116.5574, 2.9305

Triad

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



49.6467, 96.6375, -58.0025



49.6467, -2.8918, 34.7527



49.6467, -57.4233, -58.8090

Complementary

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



49.6455, 96.6405, -58.0050



79.7054, -68.2378, 47.6830

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.



49.6467, -62.8527, 2.4732



49.6455, 96.6405, -58.0050



49.6467, -39.0110, 34.3193

Square

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



49.6467, 96.6375, -58.0025



49.6467, 48.0316, 34.3442



49.6467, -57.5425, 28.6618



49.6467, -38.7248, -134.3785

Rectangle

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



49.6455, 96.6405, -58.0050



49.6467, 107.1834, 23.4938



49.6467, -57.5425, 28.6618



49.6467, -60.4868, -34.7567

Sweetspot

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



49.6467, 96.6375, -58.0025



77.6519, 35.9503, -21.5372



25.4246, 68.7456, -179.0296



34.6644, 19.3710, -11.7233

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.6467, 96.6375, -58.0025



52.6836, 102.5515, -61.5306



44.7992, 79.3737, 8.3354



40.0228, 3.1987, -1.2793



36.3952, 70.8592, -42.6155



10.5155, 20.5009, -12.5280

Inverse Universe

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



49.6467, 96.6375, -58.0025



52.6836, 102.5515, -61.5306



80.6800, -62.1586, 33.3415



40.0228, 3.1987, -1.2793



36.3952, 70.8592, -42.6155



10.5155, 20.5009, -12.5280

Previews

White Background



This preview shows how the HunterLab color 49.6455, 96.6405, -58.0050 looks on a white background.

Color Contrast Check

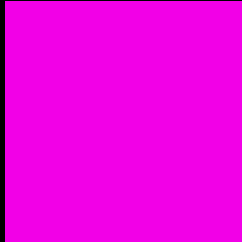
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.6455, 96.6405, -58.0050 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 49.6455, 96.6405, -58.0050 Background



This preview shows how black text looks on a background with the HunterLab color 49.6455, 96.6405, -58.0050.



This preview shows how white text looks on a background with the HunterLab color 49.6455, 96.6405, -58.0050.

-58.0050.

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

49.6455, 96.6405, -58.0050

Protanopia

50.6061, 14.3417, -79.4079

Deuteranopia

50.2277, 4.4447, -46.4618



Tritanopia

49.8390, 48.4993, 18.1057

Trichromacy



Original Color

49.6455, 96.6405, -58.0050

Protanomaly

42.5880, 49.3494, -94.2757

Deuteranomaly

42.7707, 44.6178, -68.6622

Tritanomaly

47.3551, 69.0563, -3.6589

Monochromacy



Original Color

49.6455, 96.6405, -58.0050

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

34.9870, 39.8232, -24.5221

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6455, 96.6405, -58.0050 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(242, 0, 231)` looks like.

```
.text, #text, p{  
    color:rgb(242, 0, 231)  
}
```

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(242, 0, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 0, 231) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6455, 96.6405, -58.0050 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(242, 0, 231) }
```


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

```
.border{ border-color:rgb(242, 0, 231) }
```

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

Here you see how a box with a 4 pixel rgb(242, 0, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 0, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 0, 231);  
box-shadow:4px 4px 4px 4px rgb(242, 0,  
231) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6455, 96.6405, -58.0050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 0, 231) }
```

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

```
.background{ background-color: rgb(242, 0,  
231) }
```

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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