

# Converting Colors

HunterLab(49.6158, 94.6012,  
-42.6096)

Have a look what the booklet for  
HunterLab(49.6158, 94.6012,  
-42.6096) contains.

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# Color

**HunterLab(49.5765, 94.5912,  
-43.0800)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F700D5
RGB	247, 0, 213
RGB Percent	97%, 0%, 84%
CMY	0.0314, 0.9998, 0.1647
CMYK	0.00, 1.00, 0.14, 0.03
HSL	308°, 100%, 48%
HSV	308°, 100%, 97%
XYZ	50.3681, 24.5783, 65.0402
YIQ	98.1350, 78.8390, 118.6070

# Conversions

## Conversions Part 2

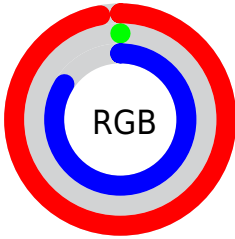
Format	Color
<b>R<sub>YB</sub></b>	247, 0, 213
Decimal	16187605
CIE <sub>Lab</sub>	56.66, 91.41, -43.16
CIE <sub>LCh</sub>	57, 101.088, 334.728
Yxy	24.5795, 0.3598, 0.1756
Android (android.graphics.Color)	4294377685 (0xFFFF700D5)
YUV	98.1350, 56.6284, 130.5546
Hunter-Lab	49.5765, 94.5912, -43.0800

# Details

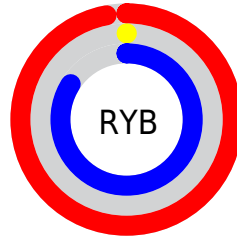
The HunterLab color **49.5765, 94.5912, -43.0800** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **81.6323, -69.4923, 47.9829**, and the grayscale version is **34.7835, -1.8560, 1.8899**.

A 20% lighter version of the original color is **61.6301, 77.6309, -51.6802**, and **35.9273, 68.3976, -30.0471** is the 20% darker color. If you saturate the color by 10%, you get **49.5763, 94.5903, -43.0753**, and if you desaturate by 10%, it is **50.4357, 92.7552, -43.9889**.

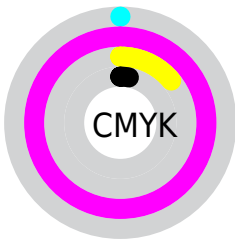
# Distribution



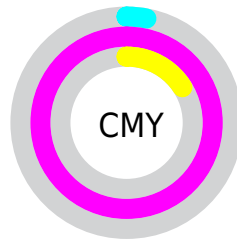
- Red (97%)
- Green (0%)
- Blue (84%)



- Red (97%)
- Yellow (0%)
- Blue (84%)



- Cyan (0%)
- Magenta (100%)
- Yellow (14%)
- Black (3%)




- Cyan (3%)
- Magenta (100%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.5765, 94.5912, -43.0800 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 49.5765, 94.5912, -43.0800 by changing the saturation by 10% instead.




 49.5765, 94.5912,  
-43.0800


 49.5765, 94.5912,  
-43.0800


166.0535,  
116.3149, -48.4530


 39.7040, 92.0315,  
-42.4558


 71.3963, 99.8429,  
-44.4615


 30.5898, 89.7042,  
-41.9956


 83.2601, 102.4243,  
-45.1461


 22.3047, 87.9433,  
-41.9061

 95.7166, 104.9402,  
-45.8017

 14.9419, 87.5803,  
-42.6959

 108.7391,  
107.3797, -46.4197

 8.5888, 91.8282,  
-46.2292

 122.3038,  
109.7378, -46.9955

0.0000, INF, -NF

136.3898,

0.0000, NaN, -NF

112.0127, -47.5269

0.0000, NaN, NaN

150.9787,  
114.2046, -48.0128

■ 49.5765, 94.5912,  
-43.0800

■ 49.5765, 94.5912,  
-43.0800

■ 49.5763, 94.5903,  
-43.0753

■ 50.4357, 92.7552,  
-43.9889

■ 52.1206, 88.1341,  
-43.2082

■ 54.8002, 80.5261,  
-40.5096

■ 58.4755, 70.4925,  
-36.1283

■ 63.0797, 58.8100,  
-30.4692

■ 68.5121, 46.2052,  
-23.9510

■ 74.6629, 33.2252,  
-16.9174

■ 81.4287, 20.2221,  
-9.6120

■ 88.7193, 7.3928,  
-2.1908

# Harmonies

## Analogous

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



49.5778, 52.8031, -112.5342



49.5765, 94.5912, -43.0800



49.5778, 107.4252, 8.6697

# Triad

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



49.5778, 94.5876, -43.0777



49.5778, -9.1845, 34.7044



49.5778, -53.3980, -64.8347

# Complementary

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



49.5765, 94.5912, -43.0800



81.6323, -69.4923, 47.9829

# 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.



49.5778, -60.5060, -4.1219



49.5765, 94.5912, -43.0800



49.5778, -41.0371, 33.4811

# Square

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



49.5778, 94.5876, -43.0777



49.5778, 37.1319, 34.1792



49.5778, -56.8926, 25.6885



49.5778, -32.8464, -130.9152



# Rectangle

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



49.5765, 94.5912, -43.0800



49.5778, 95.1329, 25.3993



49.5778, -56.8926, 25.6885



49.5778, -57.0560, -41.8803

# Sweetspot

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



49.5778, 94.5876, -43.0777



77.3694, 34.5462, -17.5941



26.5320, 70.7365, -179.0549



34.5107, 18.6214, -9.5860

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



49.5778, 94.5876, -43.0777



51.4019, 98.0686, -44.6234



45.3032, 79.2291, 16.4680



40.8983, 3.1030, -0.8353



36.0752, 68.8658, -31.6177



10.7444, 20.5899, -10.0318



# Inverse Universe

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



49.5778, 94.5876, -43.0777



51.4019, 98.0686, -44.6234



83.0290, -60.8098, 27.4940



40.8983, 3.1030, -0.8353



36.0752, 68.8658, -31.6177



10.7444, 20.5899, -10.0318



# Previews

## White Background



This preview shows how the HunterLab color 49.5765, 94.5912, -43.0800 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

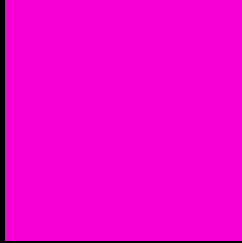
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 49.5765, 94.5912, -43.0800 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 49.5765, 94.5912, -43.0800 Background



This preview shows how black text looks on a background with the HunterLab color 49.5765, 94.5912, -43.0800.



This preview shows how white text looks on a background with the HunterLab color 49.5765, 94.5912, -43.0800.

-43.0800.

# 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

49.5765, 94.5912, -43.0800

### Protanopia

50.3714, 15.0066, -80.0574

### Deuteranopia

50.1577, 3.9871, -33.6159



## Tritanopia

49.8947, 54.2316, 20.4634

# Trichromacy



## Original Color

49.5765, 94.5912, -43.0800



## Protanomaly

42.4529, 48.1891, -88.1306



## Deuteranomaly

43.2409, 43.7312, -51.7842



## Tritanomaly

47.7417, 71.6576, 2.6628

# Monochromacy



## Original Color

49.5765, 94.5912, -43.0800



## Achromatopsia

34.9484, -1.8648, 1.8988



## Achromatomaly

34.6614, 39.2757, -20.3946

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 49.5765, 94.5912, -43.0800 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(247, 0, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 0, 213) }
```

## Border

The CSS property to change the border of an element to HunterLab 49.5765, 94.5912, -43.0800 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, 213) }
```



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

```
.border{ border-color:rgb(247, 0, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 0, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 0, 213);  
box-shadow:4px 4px 4px 4px rgb(247, 0,  
213) }
```

# Background

The CSS property to change the background color of an element to HunterLab 49.5765, 94.5912, -43.0800 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, 213) }
```

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

```
.background{ background-color: rgb(247, 0,  
213) }
```

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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