

# Converting Colors

HunterLab(56.0558, 77.1468,  
-58.4217)

Have a look what the booklet for  
HunterLab(56.0558, 77.1468,  
-58.4217) contains.

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# Color

**HunterLab(56.0594, 76.8430,  
-58.0359)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC57F8
RGB	236, 87, 248
RGB Percent	93%, 34%, 97%
CMY	0.0745, 0.6588, 0.0274
CMYK	0.05, 0.65, 0.00, 0.03
HSL	296°, 92%, 66%
HSV	296°, 65%, 97%
XYZ	54.9435, 31.4266, 91.9770
YIQ	149.9050, 37.1230, 81.6590

# Conversions

## Conversions Part 2

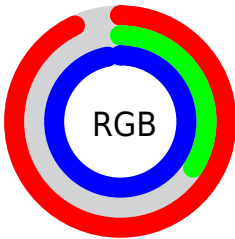
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	236, 87, 248
Decimal	15489016
CIE Lab	62.87, 76.57, -53.08
CIE LCh	63, 93.173, 325.268
Yxy	31.4280, 0.3081, 0.1762
Android (android.graphics.Color)	4293679096 (0xFFEC57F8)
YUV	149.9050, 48.3608, 75.5053
Hunter-Lab	56.0594, 76.8430, -58.0359

# Details

The HunterLab color **56.0594, 76.8430, -58.0359** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **83.9502, -60.9389, 44.2937**, and the grayscale version is **54.9891, -2.9341, 2.9877**.

A 20% lighter version of the original color is **70.0270, 54.7851, -35.9925**, and **36.1042, 71.9388, -57.4374** is the 20% darker color. If you saturate the color by 10%, you get **52.6911, 86.1831, -65.9526**, and if you desaturate by 10%, it is **60.3939, 65.5159, -48.8227**.

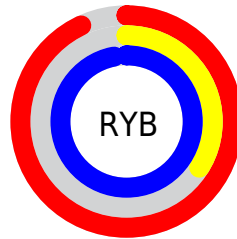
# Distribution



Red (93%)

Green (34%)

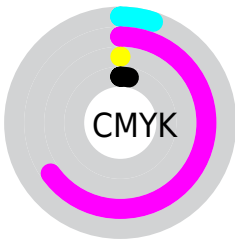
Blue (97%)



Red (93%)

Yellow (34%)

Blue (97%)

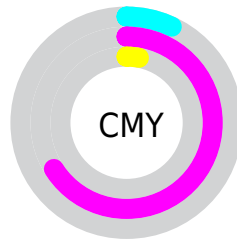


Cyan (5%)

Magenta (65%)

Yellow (0%)

Black (3%)



Cyan (7%)

Magenta (66%)


Yellow (3%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.0594, 76.8430, -58.0359 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 56.0594, 76.8430, -58.0359 by changing the saturation by 10% instead.





 56.0594, 76.8430,  
-58.0359


 56.0594, 76.8430,  
-58.0359


175.6431, 94.9053,  
-64.4556


 45.7438, 74.4398,  
-57.4632


 78.6850, 81.4623,  
-59.4858


 36.1513, 72.0385,  
-57.1423


 90.9199, 83.6481,  
-60.2605

 27.3426, 69.7511,  
-57.3110


 103.7305, 85.7433,  
-61.0307

 19.3950, 67.8471,  
-58.4933

 117.0919, 87.7478,  
-61.7817

 12.4143, 67.0583,  
-62.0406

130.9823, 89.6634,  
-62.5044

 5.6340, 84.9742,  
-85.9360

145.3824, 91.4927,

0.0000, INF, -NF

-63.1930

0.0000, NaN, -NF

160.2746, 93.2389,  
-63.8441

■ 56.0594, 76.8430,  
-58.0359

■ 56.0594, 76.8430,  
-58.0359

■ 52.6911, 86.1831,  
-65.9526

■ 60.3939, 65.5159,  
-48.8227

■ 50.3317, 92.7736,  
-71.9754

■ 65.5969, 53.0090,  
-38.9204

■ 48.9427, 96.2038,  
-75.7402

■ 71.5588, 39.9598,  
-28.7876

■ 48.4980, 97.0284,  
-76.9862

■ 78.1712, 26.7970,  
-18.7193

■ 85.3379, 13.7694,  
-8.8747

92.9773, 0.9993,  
0.6788

99.2099, -8.5413,  
7.9099

99.3817, -7.9385,  
8.1181

99.5549, -7.3320,  
8.3277

# Harmonies

## Analogous

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



56.0606, 34.4458, -114.5228



56.0594, 76.8430, -58.0359



56.0606, 98.1715, -3.4389

# Triad

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



56.0606, 76.8408, -58.0336



56.0606, 3.6041, 38.0882



56.0606, -57.6360, -38.8976

# Complementary

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



56.0594, 76.8430, -58.0359



83.9502, -60.9389, 44.2937

# 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.



56.0606, -61.5825, 8.8482



56.0594, 76.8430, -58.0359



56.0606, -32.6233, 37.2510

# Square

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



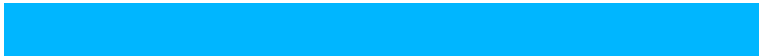
56.0606, 76.8408, -58.0336



56.0606, 48.8820, 36.2247



56.0606, -53.8755, 31.0434



56.0606, -40.9551, -98.9792



# Rectangle

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



56.0594, 76.8430, -58.0359



56.0606, 94.1570, 19.3200



56.0606, -53.8755, 31.0434



56.0606, -60.2491, -20.2868

# Sweetspot

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



56.0606, 76.8408, -58.0336



84.9762, 19.7126, -13.3032



42.4258, 32.9253, -97.3891



38.3369, 10.9042, -7.5036

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



56.0606, 76.8408, -58.0336



53.4922, 91.4685, -70.2989



54.8697, 68.1081, -12.1883



41.7790, 3.1840, -1.7105



35.6834, 71.3686, -56.4734



10.9470, 21.8444, -16.9369



# Inverse Universe

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



52.6070, 58.4981, 20.1349



49.5500, 71.0517, 24.6586



84.5563, -56.4848, 29.6509



41.5285, 1.6723, 3.1513



32.8822, 56.4087, 20.4962



10.0422, 17.2971, 5.7175



# Previews

## White Background



This preview shows how the HunterLab color 56.0594, 76.8430, -58.0359 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

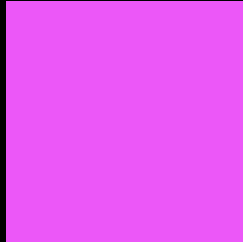
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 56.0594, 76.8430, -58.0359 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

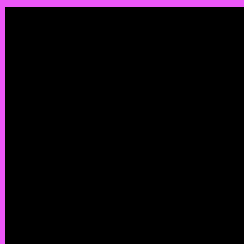
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 56.0594, 76.8430, -58.0359 Background



This preview shows how black text looks on a background with the HunterLab color 56.0594, 76.8430, -58.0359.



This preview shows how white text looks on a background with the HunterLab color 56.0594, 76.8430, -58.0359.

-58.0359.

# 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

56.0594, 76.8430, -58.0359

### Protanopia

56.3729, 11.3527, -64.5678

### Deuteranopia

56.3552, 4.9485, -49.4808



## Tritanopia

55.9770, 33.7506, 12.3400

# Trichromacy



## Original Color

56.0594, 76.8430, -58.0359



## Protanomaly

53.5932, 33.3375, -68.2775



## Deuteranomaly

53.6263, 29.6911, -58.4442



## Tritanomaly

55.2619, 48.3042, -8.0655

# Monochromacy



## Original Color

56.0594, 76.8430, -58.0359



## Achromatopsia

55.2257, -2.9467, 3.0005



## Achromatomaly

53.4300, 25.1244, -18.1861

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 56.0594, 76.8430, -58.0359 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(236, 87, 248)` looks like.

```
.text, #text, p{  
    color:rgb(236, 87, 248)  
}
```

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(236, 87, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 87, 248) }
```

## Border

The CSS property to change the border of an element to HunterLab 56.0594, 76.8430, -58.0359 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(236, 87, 248) }
```



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

```
.border{ border-color:rgb(236, 87, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 87, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 87, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 87, 248);  
box-shadow:4px 4px 4px 4px rgb(236, 87,  
248) }
```

# Background

The CSS property to change the background color of an element to HunterLab 56.0594, 76.8430, -58.0359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 87, 248) }
```

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

```
.background{ background-color: rgb(236, 87,  
248) }
```

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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