

# Converting Colors

HunterLab(56.5001, 59.3231,  
11.7710)

Have a look what the booklet for  
HunterLab(56.5001, 59.3231,  
11.7710) contains.

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# Color

**HunterLab(56.5092, 59.2845,  
11.8090)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF6387
RGB	255, 99, 135
RGB Percent	100%, 39%, 53%
CMY	0.0000, 0.6117, 0.4706
CMYK	0.00, 0.61, 0.47, 0.00
HSL	346°, 100%, 69%
HSV	346°, 61%, 100%
XYZ	50.0749, 31.9329, 26.4460
YIQ	149.7480, 81.4200, 44.2680

# Conversions

## Conversions Part 2

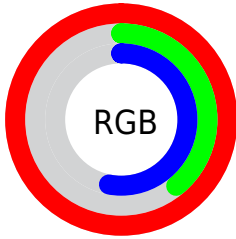
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 99, 135
Decimal	16737159
CIE Lab	63.29, 62.07, 11.92
CIE LCh	63, 63.203, 10.870
Yxy	31.9346, 0.4617, 0.2944
Android (android.graphics.Color)	4294927239 (0xFFFF6387)
YUV	149.7480, -7.2708, 92.3060
Hunter-Lab	56.5092, 59.2845, 11.8090

# Details

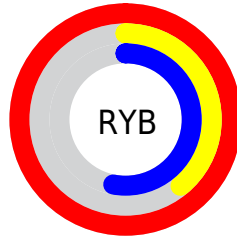
The HunterLab color **56.5092, 59.2845, 11.8090** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **89.0437, -48.1902, 9.3968**, and the grayscale version is **55.1309, -2.9416, 2.9954**.

A 20% lighter version of the original color is **69.7623, 37.0807, 3.2014**, and **36.5137, 55.0579, 9.1676** is the 20% darker color. If you saturate the color by 10%, you get **52.2866, 68.1746, 14.8884**, and if you desaturate by 10%, it is **61.7713, 49.0873, 9.3194**.

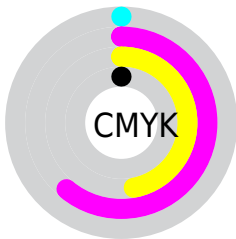
# Distribution



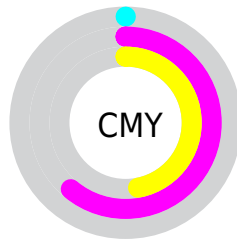
- Red (100%)
- Green (39%)
- Blue (53%)



- Red (100%)
- Yellow (39%)
- Blue (53%)



- Cyan (0%)
- Magenta (61%)
- Yellow (47%)
- Black (0%)




- Cyan (0%)
- Magenta (61%)
- Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.5092, 59.2845, 11.8090 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 56.5092, 59.2845, 11.8090 by changing the saturation by 10% instead.





 56.5092, 59.2845,  
11.8090


 56.5092, 59.2845,  
11.8090


176.3013, 73.5889,  
22.9776


 46.1645, 57.2179,  
10.5725


 79.1888, 63.1133,  
14.2621


 36.5403, 55.0786,  
9.3155


 91.4485, 64.8795,  
15.4868

 27.6972, 52.9109,  
8.0251


 104.2828, 66.5486,  
16.7152

 19.7114, 50.8421,  
6.6773

 117.6669, 68.1248,  
17.9497

 12.6872, 49.2384,  
5.2894

131.5793, 69.6125,  
19.1920

 6.0340, 58.3142,  
4.2238

146.0004, 71.0163,

0.0000, INF, NaN

20.4435

0.0000, NaN, NaN

160.9129, 72.3404,  
21.7051

0.0000, NaN, NaN

■ 56.5092, 59.2845,  
11.8090

■ 56.5092, 59.2845,  
11.8090

■ 52.2866, 68.1746,  
14.8884

■ 61.7713, 49.0873,  
9.3194

■ 49.2086, 74.9343,  
18.3679

■ 67.9269, 38.2992,  
7.4698

■ 47.3047, 78.8938,  
21.9256

■ 74.8376, 27.3847,  
6.2285

■ 46.4478, 80.2194,  
24.7721

■ 82.3804, 16.6052,  
5.5232

■ 90.4532, 6.0802,  
5.2715

98.9743, -4.1544,  
5.3969

100.0000, -5.3359,  
5.4331

# Harmonies

## Analogous

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



56.5107, 56.5275, -16.1456



56.5092, 59.2845, 11.8090



56.5107, 43.0922, 27.1792

# Triad

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



56.5107, 59.2801, 11.8103



56.5107, -33.7818, 29.5209



56.5107, -19.4149, -68.6508

# Complementary

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



56.5092, 59.2845, 11.8090



89.0437, -48.1902, 9.3968

# 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.



56.5107, -37.8787, -41.0598



56.5092, 59.2845, 11.8090



56.5107, -45.0033, 17.2728

# Square

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



56.5107, 59.2801, 11.8103



56.5107, -12.7033, 33.6205



56.5107, -46.3427, -7.3220



56.5107, 7.3663, -72.5921



# Rectangle

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



56.5092, 59.2845, 11.8090



56.5107, 25.2760, 31.8284



56.5107, -46.3427, -7.3220



56.5107, -26.6506, -61.3765

# Sweetspot

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



56.5107, 59.2801, 11.8103



84.8887, 13.2354, 5.3980



55.8066, 67.4038, -64.9449



38.2082, 7.5527, 2.5497

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



56.5107, 59.2801, 11.8103



51.6364, 69.5935, 15.5021



64.1053, 35.2801, 29.1992



42.4920, 2.0136, 2.4373



33.6030, 58.0901, 17.4965



10.5607, 18.4043, 4.3531



# Inverse Universe

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



56.5107, 59.2801, 11.8103



51.6364, 69.5935, 15.5021



75.9369, -22.1934, -27.4640



42.4920, 2.0136, 2.4373



33.6030, 58.0901, 17.4965



10.5607, 18.4043, 4.3531



# Previews

## White Background



This preview shows how the HunterLab color 56.5092, 59.2845, 11.8090 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 56.5092, 59.2845, 11.8090 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 56.5092, 59.2845, 11.8090 Background



This preview shows how black text looks on a background with the HunterLab color 56.5092, 59.2845, 11.8090.



This preview shows how white text looks on a background with the HunterLab color 56.5092, 59.2845,



# 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

56.5092, 59.2845, 11.8090

### Protanopia

56.7760, -1.1762, -1.7127

### Deuteranopia

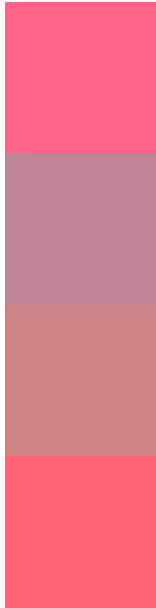
56.6440, 3.6597, 13.5918



## Tritanopia

56.4881, 53.6858, 20.2640

# Trichromacy



## Original Color

56.5092, 59.2845, 11.8090

## Protanomaly

54.7924, 19.3480, 1.4908

## Deuteranomaly

55.3020, 23.4746, 11.4666

## Tritanomaly

56.4849, 55.8532, 17.4641

# Monochromacy



## Original Color

56.5092, 59.2845, 11.8090

## Achromatopsia

55.2257, -2.9467, 3.0005

## Achromatomaly

53.8222, 18.4591, 3.9787

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 56.5092, 59.2845, 11.8090 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(255, 99, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 99, 135)  
}
```

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(255, 99, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 99, 135) }
```

## Border

The CSS property to change the border of an element to HunterLab 56.5092, 59.2845, 11.8090 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(255, 99, 135) }
```



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

```
.border{ border-color:rgb(255, 99, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 99, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 99, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 99, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 99,  
135) }
```

# Background

The CSS property to change the background color of an element to HunterLab 56.5092, 59.2845, 11.8090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 99, 135) }
```

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

```
.background{ background-color: rgb(255, 99,  
135) }
```

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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