

# Converting Colors

HunterLab(67.9204, 85.3508,  
30.0792)

Have a look what the booklet for  
HunterLab(67.9204, 85.3508,  
30.0792) contains.

<b>HunterLab(55.6590, 57.9431, 18.9819)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(55.6590, 57.9431,  
18.9819)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF6170
RGB	255, 97, 112
RGB Percent	100%, 38%, 44%
CMY	0.0000, 0.6196, 0.5608
CMYK	0.00, 0.62, 0.56, 0.00
HSL	354°, 100%, 69%
HSV	354°, 62%, 100%
XYZ	48.4393, 30.9792, 18.7558
YIQ	145.9520, 89.3530, 38.1610

# Conversions

## Conversions Part 2

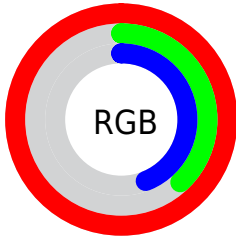
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 97, 112
Decimal	16736624
CIE Lab	62.49, 61.06, 24.05
CIE LCh	62, 65.625, 21.497
Yxy	30.9810, 0.4934, 0.3156
Android (android.graphics.Color)	4294926704 (0xFFFF6170)
YUV	145.9520, -16.7383, 95.6351
Hunter-Lab	55.6590, 57.9431, 18.9819

# Details

The HunterLab color **55.6590, 57.9431, 18.9819** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **89.6400, -44.5210, -0.0744**, and the grayscale version is **53.6359, -2.8619, 2.9141**.

A 20% lighter version of the original color is **68.5941, 34.7857, 12.5184**, and **35.7473, 53.6117, 14.9209** is the 20% darker color. If you saturate the color by 10%, you get **51.5281, 66.8391, 22.0667**, and if you desaturate by 10%, it is **60.8737, 47.8304, 15.9928**.

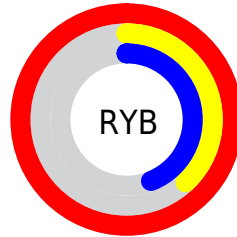
# Distribution



Red (100%)

Green (38%)

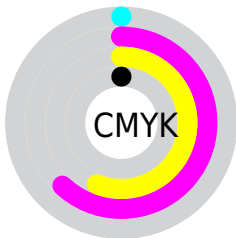
Blue (44%)



Red (100%)

Yellow (38%)

Blue (44%)

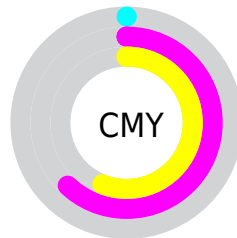


Cyan (0%)

Magenta (62%)

Yellow (56%)

Black (0%)



Cyan (0%)

Magenta (62%)


Yellow (56%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.6590, 57.9431, 18.9819 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 55.6590, 57.9431, 18.9819 by changing the saturation by 10% instead.





 55.6590, 57.9431,  
18.9819

 55.6590, 57.9431,  
18.9819


175.0573, 72.0351,  
35.3351

 45.3700, 55.8968,  
16.9668


 78.2369, 61.7272,  
22.8210


 35.8058, 53.7766,  
14.8552


 90.4497, 63.4700,  
24.6728

 27.0279, 51.6266,  
12.6119


 103.2391, 65.1153,  
26.4935

 19.1144, 49.5769,  
10.1810

 116.5802, 66.6675,  
28.2903

 12.1727, 48.0082,  
8.5209

130.4512, 68.1311,  
30.0688

 5.2520, 62.8910,  
3.6764

144.8324, 69.5107,

0.0000, INF, NaN

31.8334

0.0000, NaN, NaN

159.7064, 70.8106,  
33.5879

0.0000, NaN, NaN

■ 55.6590, 57.9431,  
18.9819

■ 55.6590, 57.9431,  
18.9819

■ 51.5281, 66.8391,  
22.0667

■ 60.8737, 47.8304,  
15.9928

■ 48.5861, 73.6710,  
24.9686

■ 67.0201, 37.2354,  
13.2680

■ 46.8520, 77.7598,  
27.3682

■ 73.9520, 26.6234,  
10.8818

■ 46.1808, 79.2306,  
28.7202

■ 81.5391, 16.2447,  
8.8420

■ 89.6737, 6.2032,  
7.1227

98.2698, -3.4810,  
5.6851

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.



55.6605, 62.4667, -5.2673



55.6590, 57.9431, 18.9819



55.6605, 35.5350, 30.3773

# Triad

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



55.6605, 57.9385, 18.9830



55.6605, -39.7788, 26.7372



55.6605, -10.8675, -77.4273

# Complementary

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



55.6590, 57.9431, 18.9819



89.6400, -44.5210, -0.0744

# 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.



55.6605, -33.2185, -55.3658



55.6590, 57.9431, 18.9819



55.6605, -47.5610, 10.2183

# Square

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



55.6605, 57.9385, 18.9830



55.6605, -21.7122, 33.0228



55.6605, -45.4292, -19.7313



55.6605, 18.6291, -70.8527



# Rectangle

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



55.6590, 57.9431, 18.9819



55.6605, 15.5620, 33.2997



55.6605, -45.4292, -19.7313



55.6605, -19.3607, -72.8314

# Sweetspot

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



55.6605, 57.9385, 18.9830



83.8919, 13.2384, 8.3019



58.4438, 74.8368, -58.6542



37.7590, 7.4699, 4.0824

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



55.6605, 57.9385, 18.9830



50.8280, 68.4309, 22.6849



68.8013, 24.8973, 33.0830



42.4442, 1.7560, 3.1209



33.3961, 57.3240, 20.5548



10.4637, 18.0460, 5.7793



# Inverse Universe

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



55.6605, 57.9385, 18.9830



50.8280, 68.4309, 22.6849



68.8295, -12.0819, -39.2943



42.4442, 1.7560, 3.1209



33.3961, 57.3240, 20.5548



10.4637, 18.0460, 5.7793



# Previews

## White Background



This preview shows how the HunterLab color 55.6590, 57.9431, 18.9819 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 55.6590, 57.9431, 18.9819 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

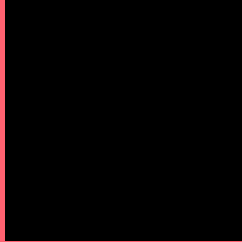
Any Text WCAG AA ✓ Pass

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 55.6590, 57.9431, 18.9819 Background



This preview shows how black text looks on a background with the HunterLab color 55.6590, 57.9431, 18.9819.



This preview shows how white text looks on a background with the HunterLab color 55.6590, 57.9431,



# 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

55.6590, 57.9431, 18.9819

### Protanopia

55.7741, -3.2353, 9.1522

### Deuteranopia

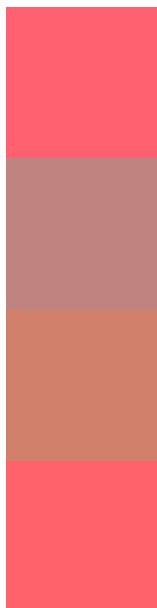
55.7441, 3.8919, 20.4876



## Tritanopia

55.6730, 56.8119, 21.3525

# Trichromacy



## Original Color

55.6590, 57.9431, 18.9819

## Protanomaly

53.9709, 18.0167, 11.1372

## Deuteranomaly

54.6898, 23.0498, 19.0232

## Tritanomaly

55.7287, 57.0572, 20.5398

# Monochromacy



## Original Color

55.6590, 57.9431, 18.9819

## Achromatopsia

53.6135, -2.8607, 2.9129

## Achromatomaly

52.5344, 17.7174, 7.2271

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 55.6590, 57.9431, 18.9819 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, 97, 112)` looks like.

```
.text, #text, p{  
    color:rgb(255, 97, 112)  
}
```

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, 97, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 97, 112) }
```

## Border

The CSS property to change the border of an element to HunterLab 55.6590, 57.9431, 18.9819 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, 97, 112) }
```



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

```
.border{ border-color:rgb(255, 97, 112) }
```

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

Here you see how a box with a 4 pixel rgb(255, 97, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 97, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 97, 112);  
box-shadow:4px 4px 4px 4px rgb(255, 97,  
112) }
```

# Background

The CSS property to change the background color of an element to HunterLab 55.6590, 57.9431, 18.9819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 97, 112) }
```

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

```
.background{ background-color: rgb(255, 97,  
112) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor