

# Converting Colors

HunterLab(55.9037, 55.0491,  
23.9606)

Have a look what the booklet for  
HunterLab(55.9037, 55.0491,  
23.9606) contains.

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# Color

**HunterLab(55.8575, 55.2012,  
23.8937)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF645F
RGB	255, 100, 95
RGB Percent	100%, 39%, 37%
CMY	0.0000, 0.6078, 0.6274
CMYK	0.00, 0.61, 0.63, 0.00
HSL	2°, 100%, 69%
HSV	2°, 63%, 100%
XYZ	47.8628, 31.2006, 14.3262
YIQ	145.7750, 93.9850, 31.3050

# Conversions

## Conversions Part 2

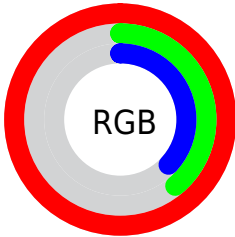
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 100, 95
Decimal	16737375
CIE Lab	62.68, 58.66, 33.93
CIE LCh	63, 67.769, 30.042
Yxy	31.2024, 0.5125, 0.3341
Android (android.graphics.Color)	4294927455 (0xFFFF645F)
YUV	145.7750, -25.0321, 95.7903
Hunter-Lab	55.8575, 55.2012, 23.8937

# Details

The HunterLab color **55.8575, 55.2012, 23.8937** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **88.3281, -39.4810, -9.7688**, and the grayscale version is **53.5957, -2.8597, 2.9120**.

A 20% lighter version of the original color is **68.6384, 31.5407, 19.3565**, and **35.9803, 51.3937, 18.2824** is the 20% darker color. If you saturate the color by 10%, you get **51.7396, 64.2442, 26.4607**, and if you desaturate by 10%, it is **61.0102, 45.2466, 20.9627**.

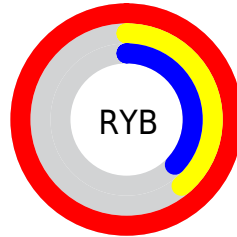
# Distribution



Red (100%)

Green (39%)

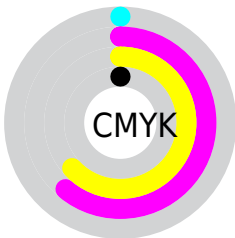
Blue (37%)



Red (100%)

Yellow (39%)

Blue (37%)

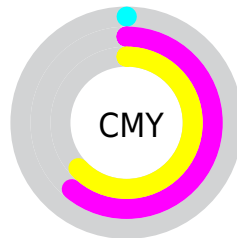


Cyan (0%)

Magenta (61%)

Yellow (63%)

Black (0%)



Cyan (0%)

Magenta (61%)


Yellow (63%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.8575, 55.2012, 23.8937 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 55.8575, 55.2012, 23.8937 by changing the saturation by 10% instead.





 55.8575, 55.2012,  
23.8937


 55.8575, 55.2012,  
23.8937


175.3481, 68.6134,  
44.7199


 45.5554, 53.2245,  
21.2076

 78.4592, 58.8346,  
28.9314


 35.9772, 51.1648,  
18.3647


 90.6830, 60.5002,  
31.3256

 27.1840, 49.0574,  
15.3181


 103.4829, 62.0683,  
33.6581

 19.2535, 47.0124,  
12.3638

 116.8342, 63.5437,  
35.9402

 12.2924, 45.3574,  
8.6047

130.7148, 64.9313,  
38.1809

 5.4450, 57.6669,  
3.8115

145.1054, 66.2359,

0.0000, INF, NaN

40.3873

0.0000, NaN, NaN

159.9884, 67.4619,  
42.5654

0.0000, NaN, NaN

■ 55.8575, 55.2012,  
23.8937

■ 55.8575, 55.2012,  
23.8937

■ 51.7396, 64.2442,  
26.4607

■ 61.0102, 45.2466,  
20.9627

■ 48.7598, 71.5767,  
28.4010

■ 67.0530, 35.0371,  
17.8851

■ 46.9466, 76.4727,  
29.5169

■ 73.8484, 24.9691,  
14.8080

■ 46.2960, 78.3213,  
29.8985

■ 81.2734, 15.2439,  
11.8114

■ 89.2263, 5.9333,  
8.9295

97.6255, -2.9626,  
6.1698

99.9999, -5.3359,  
5.4331

# Harmonies

## Analogous

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



55.8591, 65.9401, 3.0801



55.8575, 55.2012, 23.8937



55.8591, 28.3129, 32.5222

# Triad

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



55.8591, 55.1965, 23.8947



55.8591, -44.1764, 23.8561



55.8591, -2.9419, -82.5015

# Complementary

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



55.8575, 55.2012, 23.8937



88.3281, -39.4810, -9.7688

# 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.



55.8591, -28.6176, -66.9755



55.8575, 55.2012, 23.8937



55.8591, -49.2006, 3.0010

# Square

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



55.8591, 55.1965, 23.8947



55.8591, -28.6759, 32.5094



55.8591, -44.1480, -31.3479



55.8591, 28.4000, -66.8943



# Rectangle

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



55.8575, 55.2012, 23.8937



55.8591, 7.1847, 34.3754



55.8591, -44.1480, -31.3479



55.8591, -12.4726, -80.6797

# Sweetspot

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



55.8591, 55.1965, 23.8947



84.1946, 11.7078, 10.7180



60.4102, 80.3033, -52.0290



37.9170, 6.6638, 5.3444

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



55.8591, 55.1965, 23.8947



50.9655, 66.0777, 26.9620



73.3448, 15.6241, 36.7162



42.5183, 1.3910, 3.7114



33.5243, 56.4150, 21.6451



10.6064, 17.1140, 6.8352



# Inverse Universe

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



88.3281, -39.4810, -9.7688



87.2130, -42.0432, -11.3130



62.6779, -2.6468, -50.9181



45.1421, -5.8335, 1.1178



62.1134, -31.5790, -9.4664



19.4574, -9.9452, -2.8514



# Previews

## White Background



This preview shows how the HunterLab color 55.8575, 55.2012, 23.8937 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 55.8575, 55.2012, 23.8937 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 55.8575, 55.2012, 23.8937 Background



This preview shows how black text looks on a background with the HunterLab color 55.8575, 55.2012, 23.8937.



This preview shows how white text looks on a background with the HunterLab color 55.8575, 55.2012,



# 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

55.8575, 55.2012, 23.8937

### Protanopia

56.0346, -4.7854, 16.9616

### Deuteranopia

55.9046, 3.8727, 24.9531



## Tritanopia

55.8602, 56.4318, 21.2235

# Trichromacy



## Original Color

55.8575, 55.2012, 23.8937

## Protanomaly

54.3999, 15.9009, 18.3367

## Deuteranomaly

54.9002, 21.8644, 23.7657

## Tritanomaly

55.7882, 56.1139, 22.2741

# Monochromacy



## Original Color

55.8575, 55.2012, 23.8937

## Achromatopsia

53.6135, -2.8607, 2.9129

## Achromatomaly

52.6041, 16.2924, 10.0690

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 55.8575, 55.2012, 23.8937 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, 100, 95)` looks like.

```
.text, #text, p{  
    color:rgb(255, 100, 95)  
}
```

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, 100, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 100, 95) }
```

## Border

The CSS property to change the border of an element to HunterLab 55.8575, 55.2012, 23.8937 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, 100, 95) }
```



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

```
.border{ border-color:rgb(255, 100, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 100, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 100, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 100, 95);  
box-shadow:4px 4px 4px 4px rgb(255, 100,  
95) }
```

# Background

The CSS property to change the background color of an element to HunterLab 55.8575, 55.2012, 23.8937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 100, 95) }
```

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

```
.background{ background-color: rgb(255,  
100, 95) }
```

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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