

# Converting Colors

HunterLab(53.4195, 58.0727,  
30.4573)

Have a look what the booklet for  
HunterLab(53.4195, 58.0727,  
30.4573) contains.

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# Color

**HunterLab(53.3652, 58.2249,  
30.4230)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5833
RGB	255, 88, 51
RGB Percent	100%, 35%, 20%
CMY	0.0000, 0.6549, 0.8000
CMYK	0.00, 0.65, 0.80, 0.00
HSL	11°, 100%, 60%
HSV	11°, 80%, 100%
XYZ	45.3272, 28.4784, 6.2399
YIQ	133.7150, 111.4090, 23.8970

# Conversions

## Conversions Part 2

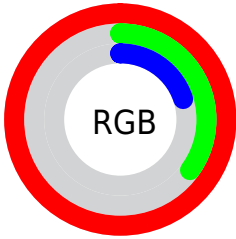
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 96, 51
Decimal	16734259
CIE Lab	60.32, 61.68, 54.48
CIE LCh	60, 82.290, 41.453
Yxy	28.4801, 0.5663, 0.3558
Android (android.graphics.Color)	4294924339 (0xFFFF5833)
YUV	133.7150, -40.7785, 106.3669
Hunter-Lab	53.3652, 58.2249, 30.4230

# Details

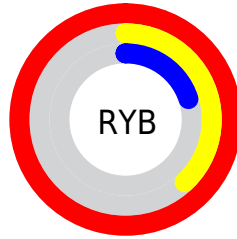
The HunterLab color **53.3652, 58.2249, 30.4230** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **76.1979, -29.1391, -27.1715**, and the grayscale version is **48.8404, -2.6060, 2.6536**.

A 20% lighter version of the original color is **65.1540, 33.1399, 29.5239**, and **33.8341, 54.1416, 21.7963** is the 20% darker color. If you saturate the color by 10%, you get **50.3615, 65.8203, 31.0684**, and if you desaturate by 10%, it is **57.1851, 49.8117, 28.9249**.

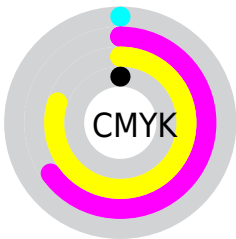
# Distribution



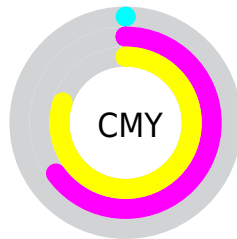
- Red (100%)
- Green (35%)
- Blue (20%)



- Red (100%)
- Yellow (38%)
- Blue (20%)



- Cyan (0%)
- Magenta (65%)
- Yellow (80%)
- Black (0%)




- Cyan (0%)
- Magenta (65%)
- Yellow (80%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.3652, 58.2249, 30.4230 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 53.3652, 58.2249, 30.4230 by changing the saturation by 10% instead.





 53.3652, 58.2249,  
30.4230

 53.3652, 58.2249,  
30.4230


171.6840, 72.6612,  
61.2711


 43.2295, 56.1424,  
26.2550


 75.6638, 62.0891,  
38.1437


 33.8304, 53.9960,  
21.8337


 87.7477, 63.8726,  
41.7576


 25.2328, 51.8437,  
17.6630


 100.4141, 65.5580,  
45.2408

 17.5199, 49.8533,  
12.2640

 113.6374, 67.1491,  
48.6129

 10.8079, 48.5337,  
7.5656

 127.3950, 68.6506,  
51.8899

 1.8823, 162.6325,  
1.3176

 141.6670, 70.0668,

0.0000, INF, NaN

55.0849

0.0000, NaN, NaN

156.4354, 71.4024,  
58.2089

0.0000, NaN, NaN

■ 53.3652, 58.2249,  
30.4230

■ 53.3652, 58.2249,  
30.4230

■ 50.3615, 65.8203,  
31.0684

■ 57.1851, 49.8117,  
28.9249

■ 48.2022, 72.0193,  
30.9627

■ 61.7416, 41.0990,  
26.6928

■ 48.2020, 72.0196,  
30.9627

■ 66.9479, 32.4464,  
23.8870

■ 72.7166, 24.0759,  
20.6563

■ 78.9686, 16.0969,  
17.1200

■ 85.6361, 8.5447,  
13.3661

■ 92.6622, 1.4105,  
9.4564

99.9999, -5.3361,  
5.4331

# Harmonies

## Analogous

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



53.3668, 81.4034, 14.2112



53.3652, 58.2249, 30.4230



53.3668, 20.5276, 35.0321

# Triad

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



53.3668, 58.2198, 30.4238



53.3668, -53.1982, 19.6459



53.3668, 11.3222, -107.2030

# Complementary

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



53.3652, 58.2249, 30.4230



76.1979, -29.1391, -27.1715

# 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.



53.3668, -22.7890, -101.8843



53.3652, 58.2249, 30.4230



53.3668, -54.4514, -11.5886

# Square

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



53.3668, 58.2198, 30.4238



53.3668, -40.7933, 32.1902



53.3668, -44.8249, -60.0425



53.3668, 49.9899, -71.7934



# Rectangle

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



53.3652, 58.2249, 30.4230



53.3668, -4.5621, 35.5424



53.3668, -44.8249, -60.0425



53.3668, -1.1168, -110.5221

# Sweetspot

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



53.3668, 58.2198, 30.4238



82.9230, 11.5148, 14.8897



53.7104, 90.3701, -40.8344



37.2696, 6.5777, 7.5054

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



53.3668, 58.2198, 30.4238



48.9673, 69.7557, 31.0400



75.5245, 8.7129, 44.2315



43.0347, 0.4941, 4.2840



35.0615, 51.3630, 22.5039



11.5506, 14.1618, 7.3653

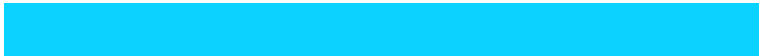


# Inverse Universe

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



76.1979, -29.1391, -27.1715



73.2598, -27.4058, -31.9046



45.9539, 20.6201, -93.3849



44.5958, -4.9624, 0.4706



52.6646, -19.5864, -23.5448



16.8517, -6.6686, -6.6675



# Previews

## White Background



This preview shows how the HunterLab color 53.3652, 58.2249, 30.4230 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 53.3652, 58.2249, 30.4230 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 53.3652, 58.2249, 30.4230 Background



This preview shows how black text looks on a background with the HunterLab color 53.3652, 58.2249, 30.4230.



This preview shows how white text looks on a background with the HunterLab color 53.3652, 58.2249,

30.4230.

# 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

53.3652, 58.2249, 30.4230

### Protanopia

53.5205, -6.3050, 26.9860

### Deuteranopia

53.2650, 3.7535, 31.0295



## Tritanopia

53.3650, 61.4516, 23.4586

# Trichromacy



## Original Color

53.3652, 58.2249, 30.4230

## Protanomaly

51.7107, 16.3111, 27.0874

## Deuteranomaly

52.1041, 23.2792, 30.1267

## Tritanomaly

53.3138, 60.1706, 26.5023

# Monochromacy



## Original Color

53.3652, 58.2249, 30.4230

## Achromatopsia

48.8260, -2.6052, 2.6528

## Achromatomaly

48.1529, 16.6356, 13.8371

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 53.3652, 58.2249, 30.4230 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, 88, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 88, 51)  
}
```

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, 88, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 88, 51) }
```

## Border

The CSS property to change the border of an element to HunterLab 53.3652, 58.2249, 30.4230 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, 88, 51) }
```



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

```
.border{ border-color:rgb(255, 88, 51) }
```

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

Here you see how a box with a 4 pixel rgb(255, 88, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 88, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 88, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 88,  
51) }
```

# Background

The CSS property to change the background color of an element to HunterLab 53.3652, 58.2249, 30.4230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 88, 51) }
```

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

```
.background{ background-color: rgb(255, 88,  
51) }
```

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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