

# Converting Colors

HunterLab(53.7380, 56.8036,  
31.4798)

Have a look what the booklet for  
HunterLab(53.7380, 56.8036,  
31.4798) contains.

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# Color

**HunterLab(53.7811, 56.6848,  
31.5050)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5B2C
RGB	255, 91, 44
RGB Percent	100%, 36%, 17%
CMY	0.0000, 0.6431, 0.8274
CMYK	0.00, 0.64, 0.83, 0.00
HSL	13°, 100%, 59%
HSV	13°, 83%, 100%
XYZ	45.4358, 28.9241, 5.5711
YIQ	134.6780, 112.8310, 20.1510

# Conversions

## Conversions Part 2

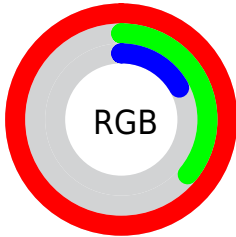
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	255, 104, 44
Decimal	16735020
CIELab	60.72, 60.28, 58.02
CIElCh	61, 83.665, 43.904
Yxy	28.9258, 0.5684, 0.3619
Android (android.graphics.Color)	4294925100 (0xFFFF5B2C)
YUV	134.6780, -44.7043, 105.5224
Hunter-Lab	53.7811, 56.6848, 31.5050

# Details

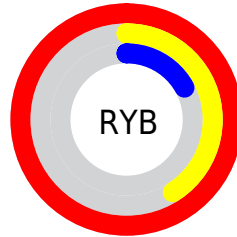
The HunterLab color **53.7811, 56.6848, 31.5050** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **72.7067, -25.0021, -32.7852**, and the grayscale version is **49.2365, -2.6271, 2.6751**.

A 20% lighter version of the original color is **65.7632, 31.0794, 31.5197**, and **34.2506, 52.7733, 22.0289** is the 20% darker color. If you saturate the color by 10%, you get **50.8293, 64.2264, 31.7522**, and if you desaturate by 10%, it is **57.4696, 48.5016, 30.3683**.

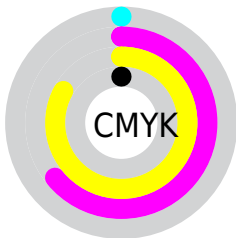
# Distribution



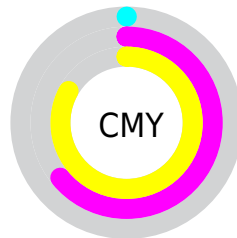
- Red (100%)
- Green (36%)
- Blue (17%)



- Red (100%)
- Yellow (41%)
- Blue (17%)



- Cyan (0%)
- Magenta (64%)
- Yellow (83%)
- Black (0%)




- Cyan (0%)
- Magenta (64%)
- Yellow (83%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.7811, 56.6848, 31.5050 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 53.7811, 56.6848, 31.5050 by changing the saturation by 10% instead.





 53.7811, 56.6848,  
31.5050


 53.7811, 56.6848,  
31.5050


172.2976, 70.7053,  
64.0514

 43.6173, 54.6436,  
27.1041


 76.1309, 60.4573,  
39.6651


 34.1879, 52.5312,  
22.4545


 88.2384, 62.1936,  
43.4838


 25.5571, 50.3974,  
17.8900


 100.9274, 63.8315,  
47.1624

 17.8073, 48.3911,  
12.4651

 114.1722, 65.3756,  
50.7211

 11.0528, 46.9638,  
7.7369

 127.9506, 66.8305,  
54.1766

 2.8155, 106.7882,  
1.9709

 142.2425, 68.2008,

0.0000, INF, NaN

57.5427

0.0000, NaN, NaN

157.0302, 69.4910,  
60.8310

0.0000, NaN, NaN

■ 53.7811, 56.6848,  
31.5050

■ 53.7811, 56.6848,  
31.5050

■ 50.8293, 64.2264,  
31.7522

■ 57.4696, 48.5016,  
30.3683

■ 49.1605, 68.9879,  
31.5002

■ 61.8259, 40.1301,  
28.4165

■ 66.7759, 31.8785,  
25.7856

■ 72.2440, 23.9369,  
22.6168

■ 78.1611, 16.3991,  
19.0330

84.4668, 9.2943,  
15.1316

91.1103, 2.6131,  
10.9862

98.0488, -3.6743,  
6.6507

99.9999, -5.3360,  
5.4331

# Harmonies

## Analogous

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



53.7827, 82.2227, 16.4753



53.7811, 56.6848, 31.5050



53.7827, 17.7081, 35.5523

# Triad

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



53.7827, 56.6798, 31.5058



53.7827, -54.5521, 18.1780



53.7827, 14.8031, -108.3338

# Complementary

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



53.7811, 56.6848, 31.5050



72.7067, -25.0021, -32.7852

# 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.



53.7827, -20.7593, -106.6412



53.7811, 56.6848, 31.5050



53.7827, -54.9436, -15.4331

# Square

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



53.7827, 56.6798, 31.5058



53.7827, -42.9677, 32.0504



53.7827, -44.2307, -65.7323



53.7827, 54.0764, -69.4645



# Rectangle

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



53.7811, 56.6848, 31.5050



53.7827, -7.5076, 35.9044



53.7827, -44.2307, -65.7323



53.7827, 1.9249, -113.0136

# Sweetspot

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



53.7827, 56.6798, 31.5058



83.0134, 10.8594, 16.0354



52.6107, 90.0734, -34.1918



37.3747, 6.1719, 8.0577

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



53.7827, 56.6798, 31.5058



49.3684, 68.3828, 31.5298



77.8262, 4.3041, 46.2160



43.1778, 0.2474, 4.4415



35.7887, 49.0850, 22.9121

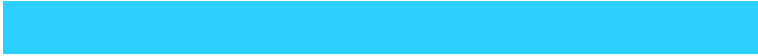


11.8372, 13.3333, 7.5274



# Inverse Universe

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



72.7067, -25.0021, -32.7852



69.2611, -22.1156, -38.6964



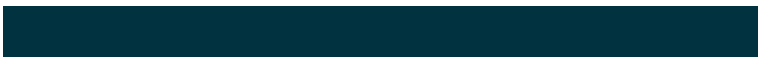
41.9676, 28.7091, -107.2938



44.4459, -4.7216, 0.2917



50.1538, -16.1531, -27.8180



16.1554, -5.7362, -7.8101



# Previews

## White Background



This preview shows how the HunterLab color 53.7811, 56.6848, 31.5050 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 53.7811, 56.6848, 31.5050 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 53.7811, 56.6848, 31.5050 Background



This preview shows how black text looks on a background with the HunterLab color 53.7811, 56.6848, 31.5050.



This preview shows how white text looks on a background with the HunterLab color 53.7811, 56.6848,



# 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

53.7811, 56.6848, 31.5050

### Protanopia

53.9219, -6.5301, 28.5625

### Deuteranopia

53.7160, 3.7827, 32.0871



## Tritanopia

53.7114, 60.8052, 22.9843

# Trichromacy



## Original Color

53.7811, 56.6848, 31.5050

## Protanomaly

52.2641, 15.3738, 28.5149

## Deuteranomaly

52.6598, 22.4587, 31.2219

## Tritanomaly

53.6166, 59.3127, 26.7157

# Monochromacy



## Original Color

53.7811, 56.6848, 31.5050

## Achromatopsia

49.2221, -2.6264, 2.6743

## Achromatomaly

48.7203, 15.8065, 15.0005

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 53.7811, 56.6848, 31.5050 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, 91, 44)` looks like.

```
.text, #text, p{  
    color:rgb(255, 91, 44)  
}
```

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, 91, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 91, 44) }
```

## Border

The CSS property to change the border of an element to HunterLab 53.7811, 56.6848, 31.5050 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, 91, 44) }
```



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

```
.border{ border-color:rgb(255, 91, 44) }
```

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

Here you see how a box with a 4 pixel rgb(255, 91, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 91, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 91, 44);  
box-shadow:4px 4px 4px 4px rgb(255, 91,  
44) }
```

# Background

The CSS property to change the background color of an element to HunterLab 53.7811, 56.6848, 31.5050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 91, 44) }
```

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

```
.background{ background-color: rgb(255, 91,  
44) }
```

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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