

# Converting Colors

HunterLab(56.1324, 51.4178,  
30.6749)

Have a look what the booklet for  
HunterLab(56.1324, 51.4178,  
30.6749) contains.

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# Color

**HunterLab(56.1324, 51.4178,  
30.6749)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF683E
RGB	255, 104, 62
RGB Percent	100%, 41%, 24%
CMY	0.0000, 0.5921, 0.7569
CMYK	0.00, 0.59, 0.76, 0.00
HSL	13°, 100%, 62%
HSV	13°, 76%, 100%
XYZ	47.0599, 31.5085, 8.1588
YIQ	144.3610, 103.4780, 18.9500

# Conversions

## Conversions Part 2

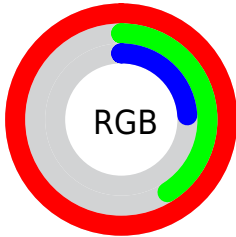
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 116, 62
Decimal	16738366
CIE <sub>Lab</sub>	62.94, 55.32, 51.78
CIE <sub>LCh</sub>	63, 75.768, 43.107
Yxy	31.5102, 0.5426, 0.3633
Android (android.graphics.Color)	4294928446 (0xFFFF683E)
YUV	144.3610, -40.6040, 97.0304
Hunter-Lab	56.1324, 51.4178, 30.6749

# Details

The HunterLab color **56.1324, 51.4178, 30.6749** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **74.7182, -26.0515, -29.4872**, and the grayscale version is **53.0855, -2.8325, 2.8842**.

A 20% lighter version of the original color is **68.9721, 26.1304, 29.7804**, and **36.2435, 47.7252, 22.5996** is the 20% darker color. If you saturate the color by 10%, you get **52.6691, 59.4599, 31.5710**, and if you desaturate by 10%, it is **60.3003, 43.0257, 28.9383**.

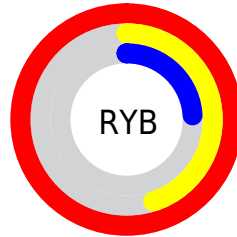
# Distribution



Red (100%)

Green (41%)

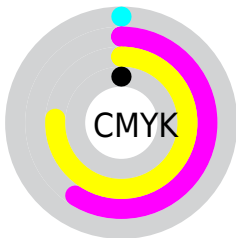
Blue (24%)



Red (100%)

Yellow (45%)

Blue (24%)

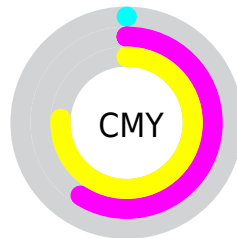


Cyan (0%)

Magenta (59%)

Yellow (76%)

Black (0%)



Cyan (0%)

Magenta (59%)


Yellow (76%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.1324, 51.4178, 30.6749 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 56.1324, 51.4178, 30.6749 by changing the saturation by 10% instead.





 56.1324, 51.4178,  
30.6749


 56.1324, 51.4178,  
30.6749

175.7504, 63.8591,  
59.9546


 45.8123, 49.5438,  
26.7523


 78.7671, 54.8329,  
37.9586


 36.2147, 47.5763,  
22.5921

 91.0061, 56.3877,  
41.3780


 27.4003, 45.5394,  
18.4224


 103.8205, 57.8456,  
44.6802

 19.4465, 43.5184,  
13.6125

 117.1857, 59.2117,  
47.8830

 12.4587, 41.7749,  
8.7211

 131.0797, 60.4914,  
51.0009

 5.7012, 51.1538,  
3.9908

 145.4831, 61.6895,

0.0000, INF, NaN

54.0458

0.0000, NaN, NaN

160.3786, 62.8107,  
57.0276

0.0000, NaN, NaN

■ 56.1324, 51.4178,  
30.6749

■ 56.1324, 51.4178,  
30.6749

■ 52.6691, 59.4599,  
31.5710

■ 60.3003, 43.0257,  
28.9383

■ 49.9633, 66.6865,  
31.5788

■ 65.0930, 34.6608,  
26.4865

■ 49.0309, 69.3928,  
31.4275

■ 70.4341, 26.5512,  
23.4651

■ 76.2506, 18.8210,  
20.0046

■ 82.4781, 11.5187,  
16.2102

89.0619, 4.6452,  
12.1615

95.9562, -1.8240,  
7.9171

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.



56.1340, 73.3793, 15.1209



56.1324, 51.4178, 30.6749



56.1340, 16.7117, 35.5958

# Triad

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



56.1340, 51.4130, 30.6757



56.1340, -51.8261, 17.9508



56.1340, 12.1711, -93.6297

# Complementary

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



56.1324, 51.4178, 30.6749



74.7182, -26.0515, -29.4872

# 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.



56.1340, -20.3155, -91.1839



56.1324, 51.4178, 30.6749



56.1340, -52.4964, -12.4755

# Square

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



56.1340, 51.4130, 30.6757



56.1340, -40.1958, 31.7159



56.1340, -42.3058, -56.0348



56.1340, 47.4323, -61.5240



# Rectangle

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



56.1324, 51.4178, 30.6749



56.1340, -6.4055, 36.1198



56.1340, -42.3058, -56.0348



56.1340, 0.4924, -97.1999

# Sweetspot

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



56.1340, 51.4130, 30.6757



84.2136, 9.6313, 15.1451



54.3311, 85.6050, -33.8523



37.8839, 5.6338, 7.6677

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



56.1340, 51.4130, 30.6757



51.1343, 63.4363, 31.6824



79.4122, 2.2713, 45.5704



43.1600, 0.2780, 4.4220



35.6910, 49.3871, 22.8572



11.7999, 13.4395, 7.5063



# Inverse Universe

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



74.7182, -26.0515, -29.4872



71.2891, -24.3197, -35.1815



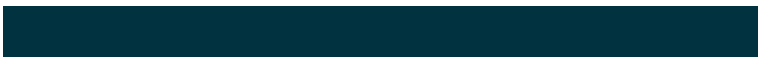
45.7091, 22.9527, -94.1489



44.4645, -4.7515, 0.3139



50.4628, -16.5824, -27.2773



16.2412, -5.8526, -7.6660



# Previews

## White Background



This preview shows how the HunterLab color 56.1324, 51.4178, 30.6749 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 56.1324, 51.4178, 30.6749 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 56.1324, 51.4178, 30.6749 Background



This preview shows how black text looks on a background with the HunterLab color 56.1324, 51.4178, 30.6749.



This preview shows how white text looks on a background with the HunterLab color 56.1324, 51.4178,



# 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

56.1324, 51.4178, 30.6749

### Protanopia

56.3501, -6.4549, 27.2222

### Deuteranopia

56.1917, 4.0506, 31.2680



## Tritanopia

56.0490, 56.0500, 21.0943

# Trichromacy



## Original Color

56.1324, 51.4178, 30.6749

## Protanomaly

54.8408, 13.5651, 27.4019

## Deuteranomaly

55.2693, 20.9282, 30.4095

## Tritanomaly

55.9514, 54.3859, 25.1790

# Monochromacy



## Original Color

56.1324, 51.4178, 30.6749

## Achromatopsia

52.8104, -2.8178, 2.8693

## Achromatomaly

52.0632, 13.9898, 14.1967

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 56.1324, 51.4178, 30.6749 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, 104, 62)` looks like.

```
.text, #text, p{  
    color:rgb(255, 104, 62)  
}
```

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, 104, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 104, 62) }
```

## Border

The CSS property to change the border of an element to HunterLab 56.1324, 51.4178, 30.6749 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, 104, 62) }
```



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

```
.border{ border-color:rgb(255, 104, 62) }
```

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

Here you see how a box with a 4 pixel rgb(255, 104, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 104, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 104, 62);  
box-shadow:4px 4px 4px 4px rgb(255, 104,  
62) }
```

# Background

The CSS property to change the background color of an element to HunterLab 56.1324, 51.4178, 30.6749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 104, 62) }
```

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

```
.background{ background-color: rgb(255,  
104, 62) }
```

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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