

Converting Colors

HunterLab(54.8207, 54.3667,
31.0171)

Have a look what the booklet for
HunterLab(54.8207, 54.3667,
31.0171) contains.

HunterLab(54.8413, 54.3381, 30.9711)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(54.8413, 54.3381,
30.9711)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6136
RGB	255, 97, 54
RGB Percent	100%, 38%, 21%
CMY	0.0000, 0.6196, 0.7882
CMYK	0.00, 0.62, 0.79, 0.00
HSL	13°, 100%, 61%
HSV	13°, 79%, 100%
XYZ	46.1805, 30.0757, 6.8612
YIQ	139.3400, 107.9710, 20.1230

Conversions

Conversions Part 2

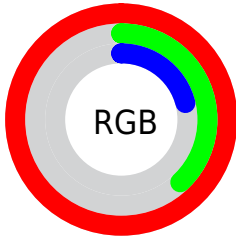
Format	Color
R _Y B	255, 109, 54
Decimal	16736566
CIE Lab	61.72, 58.07, 54.41
CIE LCh	62, 79.582, 43.136
Yxy	30.0774, 0.5556, 0.3619
Android (android.graphics.Color)	4294926646 (0xFFFF6136)
YUV	139.3400, -42.0726, 101.4338
Hunter-Lab	54.8413, 54.3381, 30.9711

Details

The HunterLab color **54.8413, 54.3381, 30.9711** 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 **74.2202, -26.2001, -30.3002**, and the grayscale version is **51.0811, -2.7256, 2.7753**.

A 20% lighter version of the original color is **67.1133, 29.1798, 30.2957**, and **35.0321, 50.2930, 22.4185** is the 20% darker color. If you saturate the color by 10%, you get **51.6228, 62.1715, 31.5999**, and if you desaturate by 10%, it is **58.7935, 45.9896, 29.4769**.

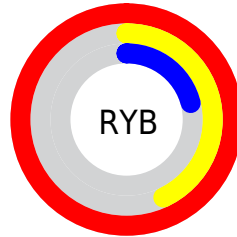
Distribution



Red (100%)

Green (38%)

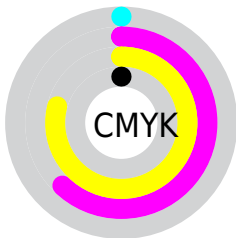
Blue (21%)



Red (100%)

Yellow (43%)

Blue (21%)

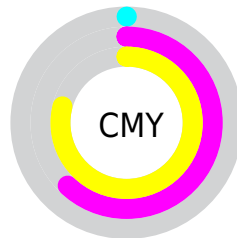


Cyan (0%)

Magenta (62%)

Yellow (79%)

Black (0%)



Cyan (0%)


Magenta (62%)


Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 54.8413, 54.3381, 30.9711 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 54.8413, 54.3381, 30.9711 by changing the saturation by 10% instead.


 54.8413, 54.3381,
30.9711


 54.8413, 54.3381,
30.9711


173.8577, 67.6615,
61.6469


 44.6064, 52.3690,
26.8400


 77.3205, 57.9542,
38.6328


 35.1005, 50.3174,
22.4605


 89.4877, 59.6105,
42.2233


 26.3862, 48.2204,
18.4265


 102.2336, 61.1689,
45.6863

 18.5433, 46.1950,
12.9803

 115.5331, 62.6343,
49.0408

 11.6822, 44.5964,
8.1776

 129.3639, 64.0116,
52.3023

 4.3649, 67.9489,
3.0554

 143.7064, 65.3056,

0.0000, INF, NaN

55.4837

0.0000, NaN, NaN

158.5430, 66.5208,
58.5955

0.0000, NaN, NaN

■ 54.8413, 54.3381,
30.9711

■ 54.8413, 54.3381,
30.9711

■ 51.6228, 62.1715,
31.5999

■ 58.7935, 45.9896,
29.4769

■ 49.1783, 68.9800,
31.4071

■ 63.4025, 37.5525,
27.2277

■ 48.9397, 69.6786,
31.3762

■ 68.5905, 29.3013,
24.3698

■ 74.2814, 21.3958,
21.0413

■ 80.4069, 13.9074,
17.3556

■ 86.9083, 6.8508,
13.4000

■ 93.7365, 0.2081,
9.2385

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.



54.8429, 77.7372, 15.4728



54.8413, 54.3381, 30.9711



54.8429, 17.6641, 35.5425

Triad

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



54.8429, 54.3332, 30.9719



54.8429, -53.0546, 18.3132



54.8429, 12.9686, -100.8201

Complementary

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



54.8413, 54.3381, 30.9711



74.2202, -26.2001, -30.3002

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.



54.8429, -20.8710, -98.1905



54.8413, 54.3381, 30.9711



54.8429, -53.7179, -13.3718

Square

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



54.8429, 54.3332, 30.9719



54.8429, -41.3023, 31.9493



54.8429, -43.4148, -60.0273



54.8429, 50.1719, -65.8772

Rectangle

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



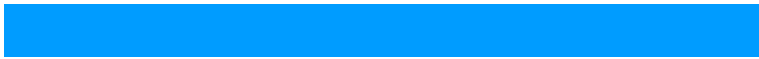
54.8413, 54.3381, 30.9711



54.8429, -6.5095, 36.0030



54.8429, -43.4148, -60.0273



54.8429, 0.7453, -104.7326

Sweetspot

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



54.8429, 54.3332, 30.9719



83.4991, 10.4508, 15.4772



53.6603, 88.3819, -36.2732



37.5699, 6.0120, 7.8051

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



54.8429, 54.3332, 30.9719



50.0216, 66.5398, 31.5466



77.7316, 4.8596, 45.3207



43.1473, 0.3000, 4.4080



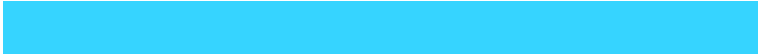
35.6221, 49.6008, 22.8185



11.7734, 13.5152, 7.4913

Inverse Universe

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



74.2202, -26.2001, -30.3002



70.7766, -23.9691, -36.0609



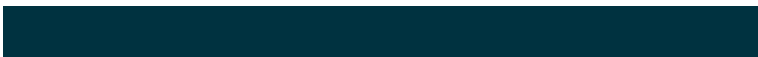
44.8406, 23.5261, -97.0504



44.4779, -4.7730, 0.3299



50.6852, -16.8903, -26.8908



16.3030, -5.9362, -7.5628

Previews

White Background



This preview shows how the HunterLab color 54.8413, 54.3381, 30.9711 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 54.8413, 54.3381, 30.9711 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 54.8413, 54.3381, 30.9711 Background



This preview shows how black text looks on a background with the HunterLab color 54.8413, 54.3381, 30.9711.



This preview shows how white text looks on a background with the HunterLab color 54.8413, 54.3381, 30.9711.

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

54.8413, 54.3381, 30.9711

Protanopia

55.0902, -6.6354, 27.7708

Deuteranopia

54.9522, 3.9204, 31.6665



Tritanopia

54.9238, 58.2394, 22.1206

Trichromacy



Original Color

54.8413, 54.3381, 30.9711

Protanomaly

53.4869, 14.2930, 27.8319

Deuteranomaly

53.9593, 21.7017, 30.7892

Tritanomaly

54.8352, 56.6868, 25.9331

Monochromacy



Original Color

54.8413, 54.3381, 30.9711

Achromatopsia

50.8117, -2.7112, 2.7607

Achromatomaly

50.3207, 14.7041, 14.5487

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 54.8413, 54.3381, 30.9711 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, 54)` looks like.

```
.text, #text, p{  
  color:rgb(255, 97, 54)  
}
```

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, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 97, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 54.8413, 54.3381, 30.9711 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, 54) }
```


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

```
.border{ border-color:rgb(255, 97, 54) }
```

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, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 97, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 97, 54);  
box-shadow:4px 4px 4px 4px rgb(255, 97,  
54) }
```

Background

The CSS property to change the background color of an element to HunterLab 54.8413, 54.3381, 30.9711 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, 54) }
```

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

```
.background{ background-color: rgb(255, 97,  
54) }
```

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