

Converting Colors

HunterLab(53.6730, 49.7892,
29.1560)

Have a look what the booklet for
HunterLab(53.6730, 49.7892,
29.1560) contains.

HunterLab(53.7055, 49.8761, 29.2467)	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(53.7055, 49.8761,
29.2467)**

Conversions

Conversions Part 1

Format	Color
Hex	F6633C
RGB	246, 99, 60
RGB Percent	96%, 39%, 24%
CMY	0.0353, 0.6117, 0.7647
CMYK	0.00, 0.60, 0.76, 0.04
HSL	13°, 91%, 60%
HSV	13°, 76%, 96%
XYZ	43.2835, 28.8428, 7.5609
YIQ	138.5070, 100.1310, 19.0350

Conversions

Conversions Part 2

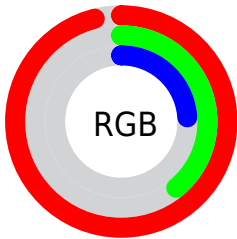
Format	Color
R_{YB}	246, 109, 60
Decimal	16147260
CIE _{Lab}	60.64, 54.32, 49.94
CIE _{LCh}	61, 73.785, 42.594
Yxy	28.8444, 0.5432, 0.3620
Android (android.graphics.Color)	4294337340 (0xFFFF6633C)
YUV	138.5070, -38.7040, 94.2714
Hunter-Lab	53.7055, 49.8761, 29.2467

Details

The HunterLab color **53.7055, 49.8761, 29.2467** 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 **72.2745, -25.6928, -27.4390**, and the grayscale version is **50.7382, -2.7073, 2.7567**.

A 20% lighter version of the original color is **67.4515, 29.1235, 29.1062**, and **34.0924, 45.9655, 21.3129** is the 20% darker color. If you saturate the color by 10%, you get **50.3893, 57.5976, 30.1500**, and if you desaturate by 10%, it is **57.7109, 41.7831, 27.5482**.

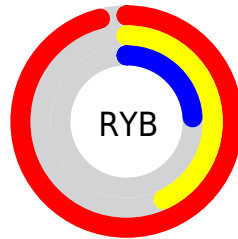
Distribution



Red (96%)

Green (39%)

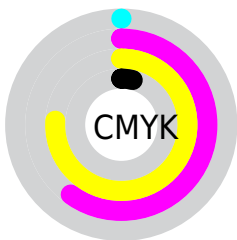
Blue (24%)



Red (96%)

Yellow (43%)

Blue (24%)

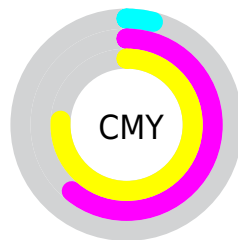


Cyan (0%)

Magenta (60%)

Yellow (76%)

Black (4%)



Cyan (4%)

Magenta (61%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.7055, 49.8761, 29.2467 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 53.7055, 49.8761, 29.2467 by changing the saturation by 10% instead.

53.7055, 49.8761,
29.2467

53.7055, 49.8761,
29.2467

172.1860, 62.2146,
57.8422

43.5467, 48.0092,
25.4016

76.0459, 53.2751,
36.3714

34.1228, 46.0495,
21.3154

88.1492, 54.8200,
39.7116

25.4981, 44.0264,
17.3777

100.8340, 56.2669,
42.9357

17.7549, 42.0417,
12.4285

114.0750, 57.6212,
46.0617

11.0082, 40.4215,
7.7057

127.8496, 58.8882,
49.1044

2.6703, 97.1476,
1.8692

142.1379, 60.0731,


0.0000, INF, NaN


52.0757


0.0000, NaN, NaN


156.9221, 61.1805,
54.9856


0.0000, NaN, NaN


 53.7055, 49.8761,
29.2467


 53.7055, 49.8761,
29.2467


 50.3893, 57.5976,
30.1500


 57.7109, 41.7831,
27.5482


 47.8137, 64.4892,
30.2064

 62.3273, 33.6929,
25.1785

 46.9173, 67.0930,
30.0848

 67.4795, 25.8342,
22.2795

 73.0956, 18.3326,
18.9767

 79.1125, 11.2377,
15.3702

85.4762, 4.5525,
11.5351

92.1420, -1.7459,
7.5259

99.0136, -8.0164,
4.2196

99.1628, -8.2602,
4.3926

Harmonies

Analogous

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



53.7070, 70.6466, 14.1077



53.7055, 49.8761, 29.2467



53.7070, 16.6422, 34.0591

Triad

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



53.7070, 49.8715, 29.2475



53.7070, -49.5921, 17.5566



53.7070, 11.1023, -90.2544

Complementary

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



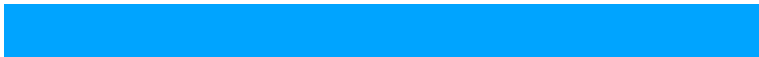
53.7055, 49.8761, 29.2467



72.2745, -25.6928, -27.4390

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.



53.7070, -19.9389, -87.2657



53.7055, 49.8761, 29.2467



53.7070, -50.4085, -11.3443

Square

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



53.7070, 49.8715, 29.2475



53.7070, -38.2578, 30.5120



53.7070, -40.8289, -53.1090



53.7070, 45.0127, -59.8141

Rectangle

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



53.7055, 49.8761, 29.2467



53.7070, -5.6039, 34.5968



53.7070, -40.8289, -53.1090



53.7070, -0.0773, -93.4743

Sweetspot

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



53.7070, 49.8715, 29.2475



84.0779, 9.8797, 15.0062



52.3623, 82.5817, -34.4441



37.8126, 5.7669, 7.5964

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.7070, 49.8715, 29.2475



50.8988, 64.1347, 31.5452



75.3874, 3.6938, 43.1557



41.2862, 0.3000, 4.1953



34.5131, 48.2801, 22.1120



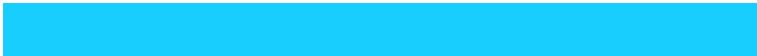
10.9061, 12.3078, 6.9358

Inverse Universe

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



72.2745, -25.6928, -27.4390



71.9063, -25.1649, -34.1406



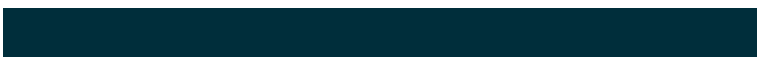
44.7878, 20.1441, -87.4690



42.5830, -4.5824, 0.3417



49.4503, -16.7636, -25.6207



15.1446, -5.6283, -6.7795

Previews

White Background



This preview shows how the HunterLab color 53.7055, 49.8761, 29.2467 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 53.7055, 49.8761, 29.2467 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 53.7055, 49.8761, 29.2467 Background



This preview shows how black text looks on a background with the HunterLab color 53.7055, 49.8761, 29.2467.



This preview shows how white text looks on a background with the HunterLab color 53.7055, 49.8761,

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

53.7055, 49.8761, 29.2467

Protanopia

53.8918, -6.3055, 25.9700

Deuteranopia

53.6310, 3.7874, 29.7774



Tritanopia

53.7419, 55.4635, 20.7853

Trichromacy



Original Color

53.7055, 49.8761, 29.2467

Protanomaly

52.6616, 13.0855, 26.3400

Deuteranomaly

52.7290, 20.5444, 28.9267

Tritanomaly

53.6617, 53.0533, 24.4991

Monochromacy



Original Color

53.7055, 49.8761, 29.2467

Achromatopsia

50.8117, -2.7112, 2.7607

Achromatomaly

50.0061, 13.8016, 13.5645

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.7055, 49.8761, 29.2467 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(246, 99, 60)` looks like.

```
.text, #text, p{  
    color:rgb(246, 99, 60)  
}
```

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(246, 99, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 99, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 53.7055, 49.8761, 29.2467 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(246, 99, 60) }
```


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

```
.border{ border-color:rgb(246, 99, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 99, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 99, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 99, 60);  
box-shadow:4px 4px 4px 4px rgb(246, 99,  
60) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.7055, 49.8761, 29.2467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 99, 60) }
```

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

```
.background{ background-color: rgb(246, 99,  
60) }
```

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