

Converting Colors

HunterLab(55.9403, 50.8894,
32.7828)

Have a look what the booklet for
HunterLab(55.9403, 50.8894,
32.7828) contains.

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Color

**HunterLab(55.9912, 50.7804,
32.7616)**

Conversions

Conversions Part 1

Format	Color
Hex	FF682D
RGB	255, 104, 45
RGB Percent	100%, 41%, 18%
CMY	0.0000, 0.5921, 0.8235
CMYK	0.00, 0.59, 0.82, 0.00
HSL	17°, 100%, 59%
HSV	17°, 82%, 100%
XYZ	46.6640, 31.3501, 6.0744
YIQ	142.4230, 108.9350, 13.6630

Conversions

Conversions Part 2

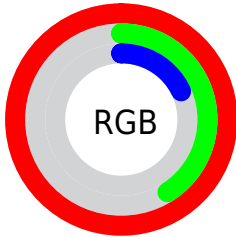
Format	Color
R_{YB}	255, 127, 45
Decimal	16738349
CIE _{Lab}	62.80, 54.77, 59.45
CIE _{LCh}	63, 80.833, 47.342
Yxy	31.3519, 0.5549, 0.3728
Android (android.graphics.Color)	4294928429 (0xFFFF682D)
YUV	142.4230, -48.0295, 98.7300
Hunter-Lab	55.9912, 50.7804, 32.7616

Details

The HunterLab color **55.9912, 50.7804, 32.7616** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **68.7416, -19.3641, -39.5800**, and the grayscale version is **52.3359, -2.7925, 2.8435**.

A 20% lighter version of the original color is **68.4842, 25.4605, 33.0647**, and **36.1401, 46.8584, 23.0897** is the 20% darker color. If you saturate the color by 10%, you get **52.8322, 58.4447, 32.8612**, and if you desaturate by 10%, it is **59.7597, 42.8661, 31.7425**.

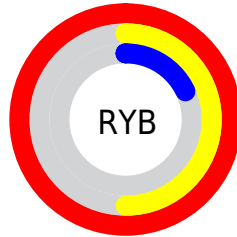
Distribution



Red (100%)

Green (41%)

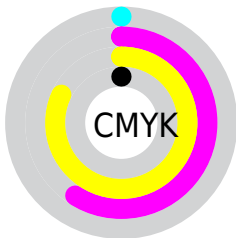
Blue (18%)



Red (100%)

Yellow (50%)

Blue (18%)

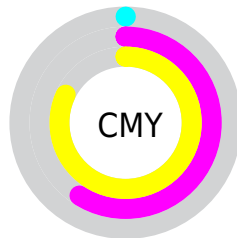


Cyan (0%)

Magenta (59%)

Yellow (82%)

Black (0%)



Cyan (0%)


Magenta (59%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 55.9912, 50.7804, 32.7616 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 55.9912, 50.7804, 32.7616 by changing the saturation by 10% instead.


 55.9912, 50.7804,
32.7616


 55.9912, 50.7804,
32.7616


175.5438, 63.0765,
65.7783


 45.6804, 48.9218,
28.3146


 78.6090, 54.1630,
41.0227


 36.0927, 46.9684,
23.6155


 90.8402, 55.7014,
44.8943

 27.2892, 44.9432,
19.1024


 103.6472, 57.1428,
48.6264

 19.3473, 42.9294,
13.5431

 117.0052, 58.4926,
52.2386

 12.3732, 41.1843,
8.6613

 130.8923, 59.7561,
55.7473

 5.5711, 51.2965,
3.8998

 145.2892, 60.9382,

0.0000, INF, NaN

59.1661

0.0000, NaN, NaN

160.1783, 62.0436,
62.5066

0.0000, NaN, NaN

■ 55.9912, 50.7804,
32.7616

■ 55.9912, 50.7804,
32.7616

■ 52.8322, 58.4447,
32.8612

■ 59.7597, 42.8661,
31.7425

■ 50.8427, 63.8681,
32.4472

■ 64.0778, 35.0276,
29.8577

■ 68.8866, 27.4645,
27.2200

■ 74.1273, 20.2905,
23.9529

■ 79.7463, 13.5535,
20.1704

85.6967, 7.2585,
15.9689

91.9383, 1.3855,
11.4261

98.4370, -4.0984,
6.6029

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.



55.9928, 77.5665, 19.0696



55.9912, 50.7804, 32.7616



55.9928, 12.6597, 36.5260

Triad

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



55.9928, 50.7756, 32.7624



55.9928, -54.9875, 15.4225



55.9928, 18.6926, -100.1287

Complementary

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



55.9912, 50.7804, 32.7616



68.7416, -19.3641, -39.5800

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.



55.9928, -17.0909, -103.5103



55.9912, 50.7804, 32.7616



55.9928, -54.1363, -19.7943

Square

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



55.9928, 50.7756, 32.7624



55.9928, -44.6471, 31.5093



55.9928, -41.9350, -68.1839



55.9928, 56.1234, -60.6626

Rectangle

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



55.9912, 50.7804, 32.7616



55.9928, -11.3964, 36.7048



55.9928, -41.9350, -68.1839



55.9928, 5.9423, -106.1217

Sweetspot

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



55.9928, 50.7756, 32.7624



84.0914, 8.8833, 17.1176



52.2114, 88.0722, -27.6441



37.9341, 5.1287, 8.6064

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.9928, 50.7756, 32.7624



51.0831, 63.1959, 32.4985



80.9889, -1.1485, 48.0672



43.3796, -0.0991, 4.6630



37.0445, 45.3036, 23.6198



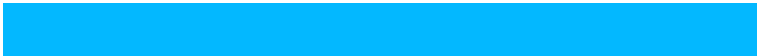
12.2940, 12.0689, 7.7868

Inverse Universe

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



68.7416, -19.3641, -39.5800



64.4545, -15.2141, -47.5769



39.7285, 34.4205, -116.1065



44.2356, -4.3825, 0.0396



46.7005, -11.2061, -34.1807



15.1940, -4.3982, -9.4968

Previews

White Background



This preview shows how the HunterLab color 55.9912, 50.7804, 32.7616 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 55.9912, 50.7804, 32.7616 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 55.9912, 50.7804, 32.7616 Background



This preview shows how black text looks on a background with the HunterLab color 55.9912, 50.7804, 32.7616.



This preview shows how white text looks on a background with the HunterLab color 55.9912, 50.7804,

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

55.9912, 50.7804, 32.7616

Protanopia

56.2441, -7.2398, 30.3108

Deuteranopia

55.8943, 4.1648, 33.2817



Tritanopia

56.0490, 56.0500, 21.0943

Trichromacy



Original Color

55.9912, 50.7804, 32.7616

Protanomaly

54.7745, 12.9693, 30.3330

Deuteranomaly

55.0172, 21.0971, 32.5571

Tritanomaly

55.8636, 53.9950, 26.4662

Monochromacy



Original Color

55.9912, 50.7804, 32.7616

Achromatopsia

52.0094, -2.7751, 2.8258

Achromatomaly

51.5433, 13.3510, 15.9940

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.9912, 50.7804, 32.7616 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, 45)` looks like.

```
.text, #text, p{  
    color:rgb(255, 104, 45)  
}
```

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, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 104, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 55.9912, 50.7804, 32.7616 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, 45) }
```


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

```
.border{ border-color:rgb(255, 104, 45) }
```

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, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 104, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 104, 45);  
box-shadow:4px 4px 4px 4px rgb(255, 104,  
45) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.9912, 50.7804, 32.7616 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, 45) }
```

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

```
.background{ background-color: rgb(255,  
104, 45) }
```

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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