

Converting Colors

HunterLab(55.8886, 50.9700,
32.8700)

Have a look what the booklet for
HunterLab(55.8886, 50.9700,
32.8700) contains.

HunterLab(55.9777, 50.7197, 32.9604)	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(55.9777, 50.7197,
32.9604)**

Conversions

Conversions Part 1

Format	Color
Hex	FF682B
RGB	255, 104, 43
RGB Percent	100%, 41%, 17%
CMY	0.0000, 0.5921, 0.8314
CMYK	0.00, 0.59, 0.83, 0.00
HSL	17°, 100%, 58%
HSV	17°, 83%, 100%
XYZ	46.6263, 31.3350, 5.8763
YIQ	142.1950, 109.5770, 13.0410

Conversions

Conversions Part 2

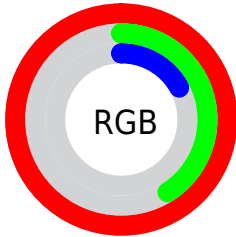
Format	Color
R_{YB}	255, 129, 43
Decimal	16738347
CIE _{Lab}	62.79, 54.72, 60.26
CIE _{LCh}	63, 81.402, 47.759
Yxy	31.3368, 0.5561, 0.3738
Android (android.graphics.Color)	4294928427 (0xFFFF682B)
YUV	142.1950, -48.9031, 98.9300
Hunter-Lab	55.9777, 50.7197, 32.9604

Details

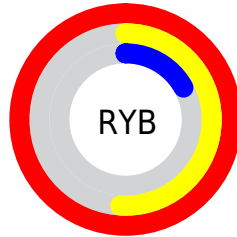
The HunterLab color **55.9777, 50.7197, 32.9604** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **68.0540, -18.5419, -40.8136**, and the grayscale version is **52.2477, -2.7878, 2.8387**.

A 20% lighter version of the original color is **68.4576, 25.3262, 33.4551**, and **36.1401, 46.8584, 23.0897** is the 20% darker color. If you saturate the color by 10%, you get **52.8519, 58.3439, 32.9702**, and if you desaturate by 10%, it is **59.7030, 42.8541, 32.0278**.

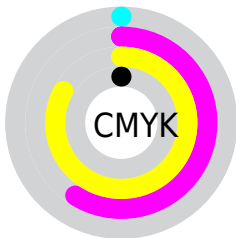
Distribution



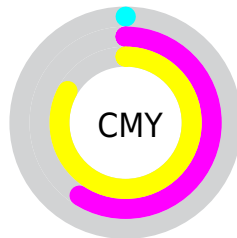
- Red (100%)
- Green (41%)
- Blue (17%)



- Red (100%)
- Yellow (51%)
- Blue (17%)



- Cyan (0%)
- Magenta (59%)
- Yellow (83%)
- Black (0%)





- Cyan (0%)
- Magenta (59%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 55.9777, 50.7197, 32.9604 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 55.9777, 50.7197, 32.9604 by changing the saturation by 10% instead.


 55.9777, 50.7197,
32.9604


 55.9777, 50.7197,
32.9604


175.5241, 63.0019,
66.3771


 45.6678, 48.8626,
28.4585


 78.5939, 54.0992,
41.3253

 36.0810, 46.9105,
23.7042


 90.8243, 55.6360,
45.2452


 27.2786, 44.8865,
19.0950


 103.6306, 57.0758,
49.0233

 19.3379, 42.8734,
13.5365

 116.9879, 58.4241,
52.6794

 12.3651, 41.1281,
8.6556

 130.8744, 59.6860,
56.2301

 5.5585, 51.3135,
3.8910

 145.2706, 60.8666,

0.0000, INF, NaN

59.6891

0.0000, NaN, NaN

160.1591, 61.9705,
63.0682

0.0000, NaN, NaN

■ 55.9777, 50.7197,
32.9604

■ 55.9777, 50.7197,
32.9604

■ 52.8519, 58.3439,
32.9702

■ 59.7030, 42.8541,
32.0278

■ 51.0640, 63.2125,
32.5720

■ 63.9700, 35.0685,
30.2166

■ 68.7216, 27.5600,
27.6343

■ 73.9005, 20.4415,
24.4025

■ 79.4543, 13.7610,
20.6355

85.3368, 7.5240,
16.4308

91.5085, 1.7110,
11.8679

97.9357, -3.7102,
7.0096

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.



55.9793, 78.0241, 19.4610



55.9777, 50.7197, 32.9604



55.9793, 12.2385, 36.6137

Triad

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



55.9793, 50.7149, 32.9612



55.9793, -55.3172, 15.1456



55.9793, 19.3998, -100.8449

Complementary

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



55.9777, 50.7197, 32.9604



68.0540, -18.5419, -40.8136

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.



55.9793, -16.7465, -104.8758



55.9777, 50.7197, 32.9604



55.9793, -54.3117, -20.6098

Square

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



55.9793, 50.7149, 32.9612



55.9793, -45.1074, 31.4895



55.9793, -41.8996, -69.5380



55.9793, 57.0703, -60.5807

Rectangle

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



55.9777, 50.7197, 32.9604



55.9793, -11.9143, 36.7623



55.9793, -41.8996, -69.5380



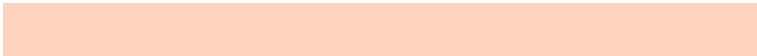
55.9793, 6.5312, -107.1056

Sweetspot

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



55.9793, 50.7149, 32.9612



84.2178, 8.6534, 17.2438



51.8892, 87.8909, -25.4359



37.9997, 5.0074, 8.6704

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.9793, 50.7149, 32.9612



51.0642, 63.2127, 32.5722



81.8949, -2.7468, 48.7604



43.4032, -0.1394, 4.6888



37.2085, 44.8235, 23.7124



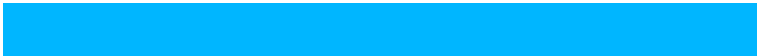
12.3512, 11.9152, 7.8194

Inverse Universe

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



68.0540, -18.5419, -40.8136



63.6548, -14.0915, -49.1434



38.5584, 37.2070, -121.0634



44.2111, -4.3429, 0.0102



46.3044, -10.6198, -34.9514



15.0834, -4.2401, -9.6999

Previews

White Background



This preview shows how the HunterLab color 55.9777, 50.7197, 32.9604 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 55.9777, 50.7197, 32.9604 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 55.9777, 50.7197, 32.9604 Background



This preview shows how black text looks on a background with the HunterLab color 55.9777, 50.7197, 32.9604.



This preview shows how white text looks on a background with the HunterLab color 55.9777, 50.7197,

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

55.9777, 50.7197, 32.9604

Protanopia

56.2264, -7.3384, 30.5727

Deuteranopia

55.8816, 4.0972, 33.4688



Tritanopia

56.0306, 55.9683, 21.3636

Trichromacy



Original Color

55.9777, 50.7197, 32.9604

Protanomaly

54.7581, 12.8839, 30.5760

Deuteranomaly

55.0017, 21.0189, 32.7867

Tritanomaly

55.8360, 53.8717, 26.8725

Monochromacy



Original Color

55.9777, 50.7197, 32.9604

Achromatopsia

52.0094, -2.7751, 2.8258

Achromatomaly

51.5230, 13.2461, 16.2889

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.9777, 50.7197, 32.9604 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, 43)` looks like.

```
.text, #text, p{  
    color:rgb(255, 104, 43)  
}
```

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, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 104, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 55.9777, 50.7197, 32.9604 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, 43) }
```


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

```
.border{ border-color:rgb(255, 104, 43) }
```

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, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 104, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 104, 43);  
box-shadow:4px 4px 4px 4px rgb(255, 104,  
43) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.9777, 50.7197, 32.9604 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, 43) }
```

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

```
.background{ background-color: rgb(255,  
104, 43) }
```

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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