

Converting Colors

HunterLab(55.9885, 47.3739,
35.3292)

Have a look what the booklet for
HunterLab(55.9885, 47.3739,
35.3292) contains.

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Color

**HunterLab(55.8667, 47.2995,
35.2528)**

Conversions

Conversions Part 1

Format	Color
Hex	FC6B00
RGB	252, 107, 0
RGB Percent	99%, 42%, 0%
CMY	0.0118, 0.5804, 1.0000
CMYK	0.00, 0.58, 1.00, 0.01
HSL	25°, 100%, 49%
HSV	25°, 100%, 99%
XYZ	45.4026, 31.2109, 3.6314
YIQ	138.1570, 120.7670, -2.5370

Conversions

Conversions Part 2

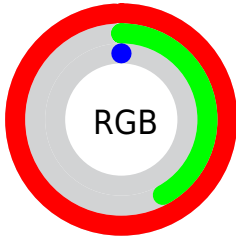
Format	Color
R _Y B	252, 186, 0
Decimal	16542464
CIE Lab	62.69, 51.69, 71.29
CIE LCh	63, 88.056, 54.053
Yxy	31.2127, 0.5658, 0.3890
Android (android.graphics.Color)	4294732544 (0xFFFC6B00)
YUV	138.1570, -68.1114, 99.8403
Hunter-Lab	55.8667, 47.2995, 35.2528

Details

The HunterLab color **55.8667, 47.2995, 35.2528** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **52.2290, 3.2538, -72.3052**, and the grayscale version is **50.7066, -2.7056, 2.7550**.

A 20% lighter version of the original color is **68.9422, 22.3600, 38.0314**, and **36.0843, 44.3033, 23.0106** is the 20% darker color. If you saturate the color by 10%, you get **55.8673, 47.2971, 35.2532**, and if you desaturate by 10%, it is **58.7921, 40.4846, 35.9967**.

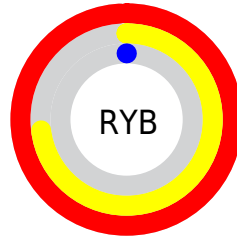
Distribution



Red (99%)

Green (42%)

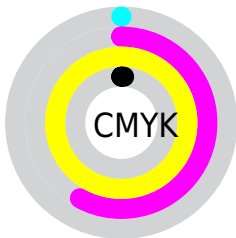
Blue (0%)



Red (99%)

Yellow (73%)

Blue (0%)

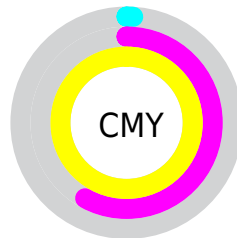


Cyan (0%)

Magenta (58%)

Yellow (100%)

Black (1%)



Cyan (1%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.8667, 47.2995, 35.2528 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 55.8667, 47.2995, 35.2528 by changing the saturation by 10% instead.

55.8667, 47.2995,
35.2528

55.8667, 47.2995,
35.2528

175.3616, 58.7059,
74.0525

45.5641, 45.5381,
30.0397

78.4696, 50.4800,
44.9917

35.9851, 43.6745,
24.9233

90.6939, 51.9166,
49.5599

27.1912, 41.7239,
19.0339

103.4943, 53.2570,
53.9586

19.2600, 39.7524,
13.4820

116.8460, 54.5070,
58.2090

12.2980, 37.9741,
8.6086

130.7270, 55.6719,
62.3290

5.4538, 48.0046,
3.8177

145.1180, 56.7571,

0.0000, INF, NaN

66.3343

0.0000, NaN, NaN

160.0015, 57.7670,
70.2383

0.0000, NaN, NaN

55.8667, 47.2995,
35.2528

55.8667, 47.2995,
35.2528

55.8673, 47.2971,
35.2532

58.7921, 40.4846,
35.9967

62.0804, 33.7859,
35.9188

65.7167, 27.3878,
34.8691

69.6736, 21.3883,
32.8717

73.9227, 15.8374,
29.9943

■ 78.4365, 10.7509,
26.3220

■ 83.1895, 6.1217,
21.9429

■ 88.1585, 1.9290,
16.9405

■ 93.3230, -1.8561,
11.3902

Harmonies

Analogous

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



55.8683, 81.6768, 24.7603



55.8667, 47.2995, 35.2528



55.8683, 4.8724, 37.5019

Triad

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



55.8683, 47.2947, 35.2535



55.8683, -59.0832, 9.8388



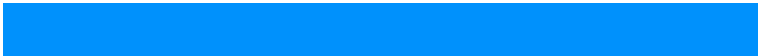
55.8683, 30.4025, -106.6082

Complementary

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



55.8667, 47.2995, 35.2528



52.2290, 3.2538, -72.3052

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.



55.8683, -10.4289, -121.6053



55.8667, 47.2995, 35.2528



55.8683, -55.6794, -33.8228

Square

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



55.8683, 47.2947, 35.2535



55.8683, -51.0686, 30.5544



55.8683, -40.0526, -88.9195



55.8683, 70.2241, -55.8883

Rectangle

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



55.8667, 47.2995, 35.2528



55.8683, -19.8040, 37.2755



55.8683, -40.0526, -88.9195



55.8683, 16.0963, -116.9822

Sweetspot

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



55.8683, 47.2947, 35.2535



84.3059, 6.2146, 22.2508



47.7516, 86.1867, -3.3422



38.0506, 3.7655, 11.1981

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.8683, 47.2947, 35.2535



56.6074, 47.9816, 35.7212



88.2310, -15.3759, 54.0982



42.9381, -0.9346, 5.0910



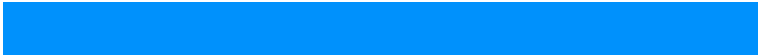
40.6648, 33.2629, 25.6398



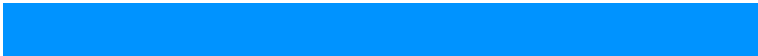
13.1783, 8.1716, 8.2634

Inverse Universe

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



52.2290, 3.2538, -72.3052



52.9159, 3.3347, -73.3390



27.5044, 67.6401, -180.3926



42.7804, -3.4647, -0.5660



38.0890, 1.6535, -51.1773



12.4649, -0.9771, -13.4706

Previews

White Background



This preview shows how the HunterLab color 55.8667, 47.2995, 35.2528 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 55.8667, 47.2995, 35.2528 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 55.8667, 47.2995, 35.2528 Background



This preview shows how black text looks on a background with the HunterLab color 55.8667, 47.2995, 35.2528.



This preview shows how white text looks on a background with the HunterLab color 55.8667, 47.2995,

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

55.8667, 47.2995, 35.2528

Protanopia

55.8394, -7.6122, 33.3571

Deuteranopia

55.8149, 3.7396, 34.4583



Tritanopia

56.0490, 56.0500, 21.0943

Trichromacy



Original Color

55.8667, 47.2995, 35.2528

Protanomaly

54.7012, 11.0111, 33.4095

Deuteranomaly

55.2528, 19.1178, 34.3812

Tritanomaly

55.8360, 51.6969, 29.6722

Monochromacy



Original Color

55.8667, 47.2995, 35.2528

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

50.4649, 10.5178, 20.4333

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.8667, 47.2995, 35.2528 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(252, 107, 0)` looks like.

```
.text, #text, p{  
    color:rgb(252, 107, 0)  
}
```

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(252, 107, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 107, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 55.8667, 47.2995, 35.2528 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(252, 107, 0) }
```


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

```
.border{ border-color:rgb(252, 107, 0) }
```

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

Here you see how a box with a 4 pixel rgb(252, 107, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 107, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 107, 0);  
box-shadow:4px 4px 4px 4px rgb(252, 107,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.8667, 47.2995, 35.2528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 107, 0) }
```

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

```
.background{ background-color: rgb(252,  
107, 0) }
```

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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