

Converting Colors

HunterLab(55.6805, 50.3832,
35.1921)

Have a look what the booklet for
HunterLab(55.6805, 50.3832,
35.1921) contains.

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Color

**HunterLab(55.6422, 50.4837,
35.1702)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FF6700 |
| RGB | 255, 103, 0 |
| RGB Percent | 100%, 40%, 0% |
| CMY | 0.0000, 0.5960, 1.0000 |
| CMYK | 0.00, 0.60, 1.00, 0.00 |
| HSL | 24°, 100%, 50% |
| HSV | 24°, 100%, 100% |
| XYZ | 46.0903, 30.9605, 3.5468 |
| YIQ | 136.7060, 123.6550, 0.1910 |

Conversions

Conversions Part 2

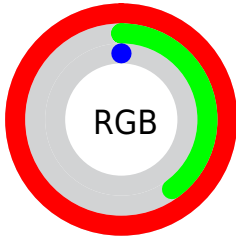
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 255, 173, 0 |
| Decimal | 16738048 |
| CIE Lab | 62.48, 54.56, 71.43 |
| CIE LCh | 62, 89.883, 52.623 |
| Yxy | 30.9623, 0.5718, 0.3841 |
| Android (android.graphics.Color) | 4294928128 (0xFFFF6700) |
| YUV | 136.7060, -67.3961, 103.7438 |
| Hunter-Lab | 55.6422, 50.4837, 35.1702 |

Details

The HunterLab color **55.6422, 50.4837, 35.1702** is a dark color, and the websafe version is hex **FF6600**, and the color name is [safety orange](#) ([blaze orange](#)). The color can be described as dark saturated orange. A complement of this color would be **54.4755, 0.6027, -69.3902**, and the grayscale version is **50.1257, -2.6746, 2.7234**.

A 20% lighter version of the original color is **67.9199, 24.3985, 37.5051**, and **36.0280, 47.1966, 23.0266** is the 20% darker color. If you saturate the color by 10%, you get **55.6429, 50.4811, 35.1706**, and if you desaturate by 10%, it is **58.5990, 43.4336, 35.9089**.

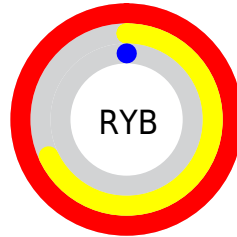
Distribution



Red (100%)

Green (40%)

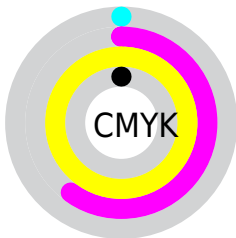
Blue (0%)



Red (100%)

Yellow (68%)

Blue (0%)

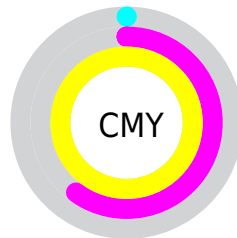


Cyan (0%)

Magenta (60%)

Yellow (100%)

Black (0%)



Cyan (0%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.6422, 50.4837, 35.1702 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 55.6422, 50.4837, 35.1702 by changing the saturation by 10% instead.

55.6422, 50.4837,
35.1702

55.6422, 50.4837,
35.1702

175.0328, 62.7453,
74.0659

45.3543, 48.6281,
29.9434

78.2181, 53.8594,
44.9353

35.7913, 46.6777,
24.8445

90.4300, 55.3942,
49.5155

27.0147, 44.6560,
18.9103

103.2185, 56.8318,
53.9254

19.1027, 42.6476,
13.3719

116.5588, 58.1776,
58.1862

12.1626, 40.9169,
8.5138

130.4289, 59.4371,
62.3161

5.2353, 53.4984,
3.6647

144.8093, 60.6152,


0.0000, INF, NaN


66.3306


0.0000, NaN, NaN


 159.6826, 61.7166,
70.2434


0.0000, NaN, NaN


 55.6422, 50.4837,
35.1702


 55.6422, 50.4837,
35.1702


 55.6429, 50.4811,
35.1706

 58.5990, 43.4336,
35.9089

 61.9566, 36.4382,
35.8171

 65.6962, 29.7080,
34.7470

 69.7864, 23.3602,
32.7295

 74.1947, 17.4570,
29.8397

■ 78.8895, 12.0207,
26.1695

■ 83.8422, 7.0474,
21.8117

■ 89.0265, 2.5168,
16.8531

■ 94.4197, -1.6002,
11.3706

Harmonies

Analogous

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



55.6438, 84.9256, 24.1293



55.6422, 50.4837, 35.1702



55.6438, 7.0242, 37.5239

Triad

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



55.6438, 50.4788, 35.1709



55.6438, -59.6656, 11.4591



55.6438, 29.0364, -111.8553

Complementary

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



55.6422, 50.4837, 35.1702



54.4755, 0.6027, -69.3902

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.



55.6438, -12.3089, -125.0133



55.6422, 50.4837, 35.1702



55.6438, -56.7927, -32.1456

Square

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



55.6438, 50.4788, 35.1709



55.6438, -51.0361, 31.3179



55.6438, -41.6839, -89.1767



55.6438, 70.3482, -60.3119

Rectangle

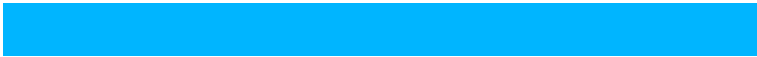
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



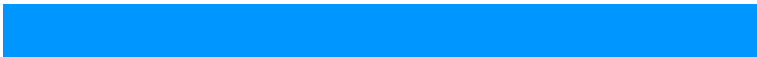
55.6422, 50.4837, 35.1702



55.6438, -18.4816, 37.3873



55.6438, -41.6839, -89.1767



55.6438, 14.4477, -121.9024

Sweetspot

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



55.6438, 50.4788, 35.1709



83.8407, 7.0490, 21.8134



48.5387, 87.8613, -5.3664



37.8088, 4.2057, 10.9780

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.6438, 50.4788, 35.1709



55.6431, 50.4813, 35.1708



88.0770, -13.4912, 54.0363



43.8081, -0.8294, 5.1301



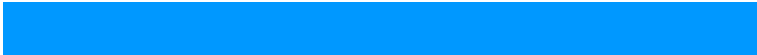
40.5612, 35.6061, 25.6170



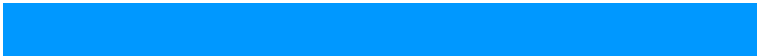
13.4516, 9.1306, 8.4486

Inverse Universe

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



54.4755, 0.6027, -69.3902



54.4746, 0.6044, -69.3932



28.1730, 67.3313, -180.5615



43.7932, -3.6641, -0.4947



39.7572, -0.2157, -49.2274



13.2419, -1.4518, -13.4171

Previews

White Background



This preview shows how the HunterLab color 55.6422, 50.4837, 35.1702 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 55.6422, 50.4837, 35.1702 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 55.6422, 50.4837, 35.1702 Background



This preview shows how black text looks on a background with the HunterLab color 55.6422, 50.4837, 35.1702.



This preview shows how white text looks on a background with the HunterLab color 55.6422, 50.4837,

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

55.6422, 50.4837, 35.1702

Protanopia

55.8432, -7.5910, 33.3009

Deuteranopia

55.6982, 3.3475, 34.3796



Tritanopia

55.6730, 56.8119, 21.3525

Trichromacy



Original Color

55.6422, 50.4837, 35.1702

Protanomaly

54.4465, 12.8281, 33.2404

Deuteranomaly

54.7692, 20.1197, 34.1008

Tritanomaly

55.4686, 53.4713, 29.6063

Monochromacy



Original Color

55.6422, 50.4837, 35.1702

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

50.0586, 11.7993, 20.3728

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.6422, 50.4837, 35.1702 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, 103, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 103, 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(255, 103, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 103, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 55.6422, 50.4837, 35.1702 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, 103, 0) }
```


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

```
.border{ border-color:rgb(255, 103, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 103, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 103, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 103, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 103,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.6422, 50.4837, 35.1702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 103, 0) }
```

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

```
.background{ background-color: rgb(255,  
103, 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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