

Converting Colors

HunterLab(56.4345, 48.4256,
35.6224)

Have a look what the booklet for
HunterLab(56.4345, 48.4256,
35.6224) contains.

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Color

**HunterLab(56.3697, 48.5925,
35.5854)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6B00
RGB	255, 107, 0
RGB Percent	100%, 42%, 0%
CMY	0.0000, 0.5804, 1.0000
CMYK	0.00, 0.58, 1.00, 0.00
HSL	25°, 100%, 50%
HSV	25°, 100%, 100%
XYZ	46.4977, 31.7754, 3.6826
YIQ	139.0540, 122.5550, -1.9010

Conversions

Conversions Part 2

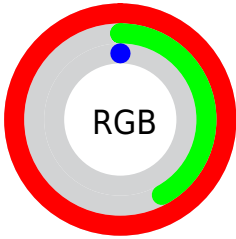
Format	Color
R_{YB}	255, 184, 0
Decimal	16739072
CIE Lab	63.16, 52.78, 71.80
CIE LCh	63, 89.108, 53.682
Yxy	31.7772, 0.5673, 0.3877
Android (android.graphics.Color)	4294929152 (0xFFFF6B00)
YUV	139.0540, -68.5536, 101.6846
Hunter-Lab	56.3697, 48.5925, 35.5854

Details

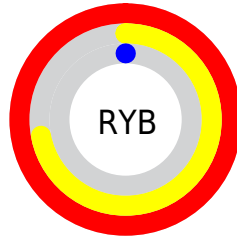
The HunterLab color **56.3697, 48.5925, 35.5854** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **53.2908, 2.6704, -72.3730**, and the grayscale version is **51.0653, -2.7247, 2.7745**.

A 20% lighter version of the original color is **68.9422, 22.3600, 38.0314**, and **36.6103, 45.4553, 23.3549** is the 20% darker color. If you saturate the color by 10%, you get **56.3704, 48.5899, 35.5858**, and if you desaturate by 10%, it is **59.3333, 41.6445, 36.3420**.

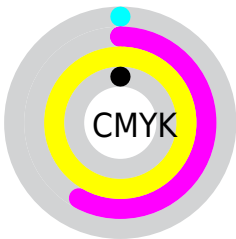
Distribution



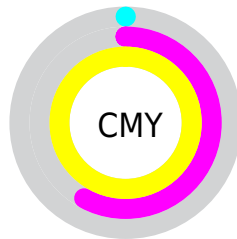
- Red (100%)
- Green (42%)
- Blue (0%)



- Red (100%)
- Yellow (72%)
- Blue (0%)



- Cyan (0%)
- Magenta (58%)
- Yellow (100%)
- Black (0%)





- Cyan (0%)
- Magenta (58%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 56.3697, 48.5925, 35.5854 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 56.3697, 48.5925, 35.5854 by changing the saturation by 10% instead.


 56.3697, 48.5925,
35.5854


 56.3697, 48.5925,
35.5854


176.0975, 60.2798,
74.5712


 46.0341, 46.8010,
30.3523


 79.0327, 51.8356,
45.3662


 36.4198, 44.9093,
25.1965


 91.2848, 53.3041,
49.9556


 27.5873, 42.9341,
19.3111


 104.1117, 54.6763,
54.3756

 19.6133, 40.9439,
13.7293

 117.4889, 55.9578,
58.6469

 12.6025, 39.1558,
8.8218

 131.3944, 57.1541,
62.7877

 5.9131, 46.5737,
4.1392

 145.8090, 58.2702,

0.0000, INF, NaN

66.8133

0.0000, NaN, NaN

160.7153, 59.3107,
70.7374

0.0000, NaN, NaN

56.3697, 48.5925,
35.5854

56.3697, 48.5925,
35.5854

56.3704, 48.5899,
35.5858

59.3333, 41.6445,
36.3420

62.6731, 34.7998,
36.2643

66.3728, 28.2506,
35.2023

70.4040, 22.1008,
33.1817

74.7368, 16.4038,
30.2729

79.3426, 11.1772,
26.5634

84.1947, 6.4145,
22.1435

89.2690, 2.0946,
17.0986

94.5442, -1.8116,
11.5054

Harmonies

Analogous

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



56.3713, 83.3317, 24.8469



56.3697, 48.5925, 35.5854



56.3713, 5.4749, 37.8854

Triad

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



56.3713, 48.5877, 35.5861



56.3713, -59.8279, 10.3629



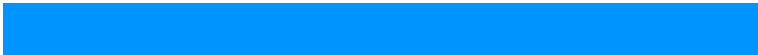
56.3713, 30.3533, -109.0203

Complementary

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



56.3697, 48.5925, 35.5854



53.2908, 2.6704, -72.3730

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.



56.3713, -11.0225, -123.7000



56.3697, 48.5925, 35.5854



56.3713, -56.5289, -33.7261

Square

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



56.3713, 48.5877, 35.5861



56.3713, -51.5727, 31.0648



56.3713, -40.8801, -89.8774



56.3713, 70.9604, -57.5786

Rectangle

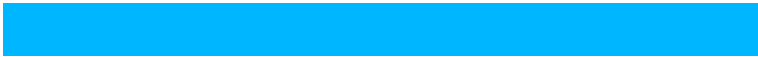
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.3697, 48.5925, 35.5854



56.3713, -19.6620, 37.6813



56.3713, -40.8801, -89.8774



56.3713, 15.8299, -119.4159

Sweetspot

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



56.3713, 48.5877, 35.5861



84.1934, 6.4160, 22.1452



48.3963, 87.3465, -3.3567



37.9921, 3.8717, 11.1449

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.3713, 48.5877, 35.5861



56.3706, 48.5901, 35.5860



89.4221, -15.5777, 54.8286



43.8630, -0.9224, 5.1896



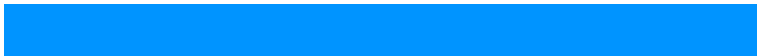
41.0894, 34.2485, 25.9187



13.6167, 8.7385, 8.5435

Inverse Universe

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



53.2908, 2.6704, -72.3730



53.2900, 2.6721, -72.3761



27.8673, 68.5971, -182.9120



43.7369, -3.5723, -0.5630



38.9110, 1.2467, -51.3266



13.0015, -1.0626, -13.9569

Previews

White Background



This preview shows how the HunterLab color 56.3697, 48.5925, 35.5854 looks on a white background.

Color Contrast Check

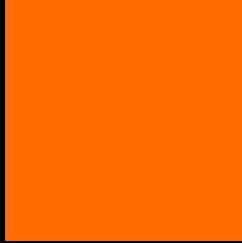
Large Text (above 18pt) WCAG AA × Fail

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 56.3697, 48.5925, 35.5854 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 56.3697, 48.5925, 35.5854 Background



This preview shows how black text looks on a background with the HunterLab color 56.3697, 48.5925, 35.5854.



This preview shows how white text looks on a background with the HunterLab color 56.3697, 48.5925,

35.5854.

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

56.3697, 48.5925, 35.5854

Protanopia

56.6265, -7.7931, 33.7936

Deuteranopia

56.4759, 3.1650, 34.8556



Tritanopia

56.4318, 55.2821, 20.8349

Trichromacy



Original Color

56.3697, 48.5925, 35.5854

Protanomaly

55.3401, 11.7507, 33.7808

Deuteranomaly

55.7687, 19.4557, 34.7050

Tritanomaly

56.2052, 51.7462, 29.6001

Monochromacy



Original Color

56.3697, 48.5925, 35.5854

Achromatopsia

50.8117, -2.7112, 2.7607

Achromatomaly

50.7022, 11.2794, 20.6436

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.3697, 48.5925, 35.5854 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, 107, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 107, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 56.3697, 48.5925, 35.5854 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, 107, 0) }
```


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

```
.border{ border-color:rgb(255, 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(255, 107, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.3697, 48.5925, 35.5854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 0) }
```

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

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