

Converting Colors

HunterLab(56.3954, 48.7060,
35.2040)

Have a look what the booklet for
HunterLab(56.3954, 48.7060,
35.2040) contains.

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Color

**HunterLab(56.3954, 48.7101,
35.2030)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6B0D
RGB	255, 107, 13
RGB Percent	100%, 42%, 5%
CMY	0.0000, 0.5804, 0.9490
CMYK	0.00, 0.58, 0.95, 0.00
HSL	23°, 100%, 53%
HSV	23°, 95%, 100%
XYZ	46.5703, 31.8044, 4.0651
YIQ	140.5360, 118.3820, 2.1420

Conversions

Conversions Part 2

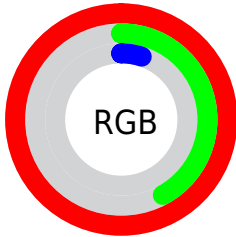
Format	Color
R _Y B	255, 167, 13
Decimal	16739085
CIE Lab	63.18, 52.88, 69.67
CIE LCh	63, 87.467, 52.804
Yxy	31.8062, 0.5649, 0.3858
Android (android.graphics.Color)	4294929165 (0xFFFF6B0D)
YUV	140.5360, -62.8752, 100.3849
Hunter-Lab	56.3954, 48.7101, 35.2030

Details

The HunterLab color **56.3954, 48.7101, 35.2030** 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 **57.2660, -3.7118, -62.7286**, and the grayscale version is **51.6360, -2.7552, 2.8055**.

A 20% lighter version of the original color is **68.9892, 22.5994, 37.3387**, and **36.6103, 45.4553, 23.3549** is the 20% darker color. If you saturate the color by 10%, you get **54.9490, 52.3158, 34.7752**, and if you desaturate by 10%, it is **59.5574, 41.5288, 35.5576**.

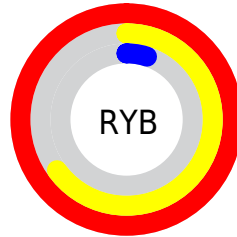
Distribution



Red (100%)

Green (42%)

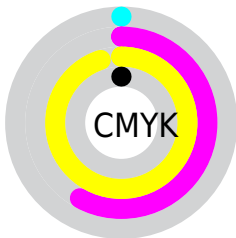
Blue (5%)



Red (100%)

Yellow (65%)

Blue (5%)

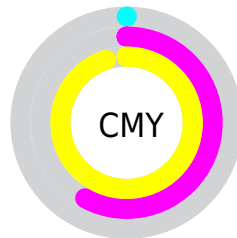


Cyan (0%)

Magenta (58%)

Yellow (95%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.3954, 48.7101, 35.2030 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 56.3954, 48.7101, 35.2030 by changing the saturation by 10% instead.


 56.3954, 48.7101,
35.2030


 56.3954, 48.7101,
35.2030


176.1351, 60.4251,
73.1547


 46.0582, 46.9156,
30.1020


 79.0615, 51.9595,
44.7235


 36.4420, 45.0211,
24.9658


 91.3150, 53.4311,
49.1887


 27.6075, 43.0435,
19.3253


 104.1433, 54.8064,
53.4894

 19.6313, 41.0517,
13.7419

 117.5217, 56.0910,
57.6461

 12.6181, 39.2636,
8.8327

 131.4285, 57.2904,
61.6767

 5.9356, 46.5767,
4.1549

 145.8443, 58.4095,

0.0000, INF, NaN

65.5967

0.0000, NaN, NaN

160.7517, 59.4530,
69.4189

0.0000, NaN, NaN

56.3954, 48.7101,
35.2030

56.3954, 48.7101,
35.2030

54.9490, 52.3158,
34.7752

59.5574, 41.5288,
35.5576

63.1379, 34.4909,
34.9533

67.1062, 27.7597,
33.3873

71.4268, 21.4346,
30.9229

76.0646, 15.5630,
27.6509

80.9870, 10.1566,
23.6682

86.1641, 5.2039,
19.0670

91.5699, 0.6797,
13.9299

97.1814, -3.4478,
8.3283

Harmonies

Analogous

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



56.3970, 82.0821, 24.0146



56.3954, 48.7101, 35.2030



56.3970, 6.5015, 37.7167

Triad

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



56.3970, 48.7053, 35.2037



56.3970, -59.0117, 11.1509



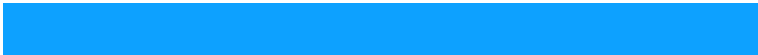
56.3970, 28.4249, -107.0377

Complementary

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



56.3954, 48.7101, 35.2030



57.2660, -3.7118, -62.7286

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.



56.3970, -11.9343, -119.8375



56.3954, 48.7101, 35.2030



56.3970, -56.0662, -31.3446

Square

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



56.3970, 48.7053, 35.2037



56.3970, -50.4619, 31.1046



56.3970, -40.9499, -85.9604



56.3970, 68.3618, -57.7359

Rectangle

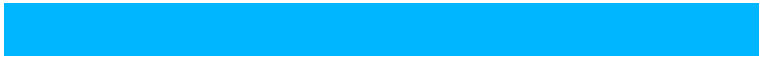
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.3954, 48.7101, 35.2030



56.3970, -18.4066, 37.5541



56.3970, -40.9499, -85.9604



56.3970, 14.2339, -116.6779

Sweetspot

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



56.3970, 48.7053, 35.2037



84.5337, 6.6923, 20.5547



49.1577, 88.0019, -9.5290



38.0766, 4.0871, 10.4258

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.3970, 48.7053, 35.2037



54.9493, 52.3161, 34.7754



87.2350, -12.0515, 53.2839



43.7540, -0.7375, 5.0713



40.0567, 36.9252, 25.3292



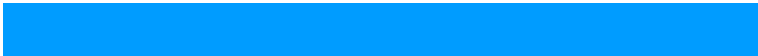
13.2922, 9.5150, 8.3572

Inverse Universe

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



57.2660, -3.7118, -62.7286



55.6581, -1.4166, -66.5097



29.8463, 61.5037, -168.4698



43.8487, -3.7548, -0.4273



40.6023, -1.6454, -47.1973



13.4813, -1.8330, -12.8935

Previews

White Background



This preview shows how the HunterLab color 56.3954, 48.7101, 35.2030 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 56.3954, 48.7101, 35.2030 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 56.3954, 48.7101, 35.2030 Background



This preview shows how black text looks on a background with the HunterLab color 56.3954, 48.7101, 35.2030.



This preview shows how white text looks on a background with the HunterLab color 56.3954, 48.7101, 35.2030.

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

56.3954, 48.7101, 35.2030

Protanopia

56.6386, -7.7260, 33.6151

Deuteranopia

56.5925, 3.5575, 34.9343



Tritanopia

56.4318, 55.2821, 20.8349

Trichromacy



Original Color

56.3954, 48.7101, 35.2030

Protanomaly

55.3622, 11.8658, 33.4535

Deuteranomaly

55.7785, 19.5056, 34.5593

Tritanomaly

56.2509, 51.9519, 28.9272

Monochromacy



Original Color

56.3954, 48.7101, 35.2030

Achromatopsia

51.6097, -2.7538, 2.8041

Achromatomaly

51.4332, 11.1993, 19.6816

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.3954, 48.7101, 35.2030 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, 13)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 13)  
}
```

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, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 56.3954, 48.7101, 35.2030 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, 13) }
```


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

```
.border{ border-color:rgb(255, 107, 13) }
```

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, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 13);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
13) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.3954, 48.7101, 35.2030 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, 13) }
```

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

```
.background{ background-color: rgb(255,  
107, 13) }
```

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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