

Converting Colors

HunterLab(56.1048, 38.5684,
35.2467)

Have a look what the booklet for
HunterLab(56.1048, 38.5684,
35.2467) contains.

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Color

**HunterLab(56.0072, 38.5969,
35.1871)**

Conversions

Conversions Part 1

Format	Color
Hex	F27400
RGB	242, 116, 0
RGB Percent	95%, 45%, 0%
CMY	0.0510, 0.5451, 1.0000
CMYK	0.00, 0.52, 1.00, 0.05
HSL	29°, 100%, 47%
HSV	29°, 100%, 95%
XYZ	42.8634, 31.3681, 3.7955
YIQ	140.4500, 112.3320, -9.3640

Conversions

Conversions Part 2

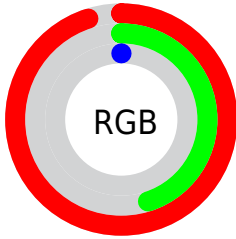
Format	Color
R _Y B	242, 223, 0
Decimal	15889408
CIE Lab	62.82, 43.70, 70.56
CIE LCh	63, 82.993, 58.230
Yxy	31.3698, 0.5493, 0.4020
Android (android.graphics.Color)	4294079488 (0xFF F27400)
YUV	140.4500, -69.2418, 89.0594
Hunter-Lab	56.0072, 38.5969, 35.1871

Details

The HunterLab color **56.0072, 38.5969, 35.1871** 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 **46.1867, 9.9472, -79.2019**, and the grayscale version is **51.6278, -2.7547, 2.8050**.

A 20% lighter version of the original color is **71.0293, 18.2392, 39.2506**, and **36.2378, 36.0529, 22.9607** is the 20% darker color. If you saturate the color by 10%, you get **56.0080, 38.5944, 35.1875**, and if you desaturate by 10%, it is **58.7718, 32.5566, 35.9017**.

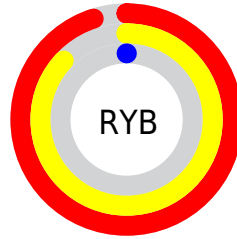
Distribution



Red (95%)

Green (45%)

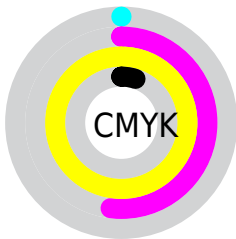
Blue (0%)



Red (95%)

Yellow (87%)

Blue (0%)

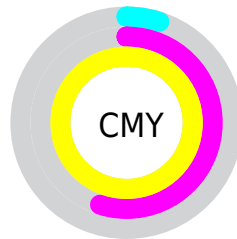


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (5%)



Cyan (5%)


Magenta (55%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 56.0072, 38.5969, 35.1871 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 56.0072, 38.5969, 35.1871 by changing the saturation by 10% instead.


 56.0072, 38.5969,
35.1871


 56.0072, 38.5969,
35.1871


175.5672, 47.5706,
73.6156


 45.6953, 37.1152,
30.0221


 78.6269, 41.2114,
44.8314


 36.1065, 35.5185,
24.8995


 90.8589, 42.3677,
49.3547


 27.3018, 33.8051,
19.1112


 103.6668, 43.4317,
53.7105

 19.3585, 32.0026,
13.5510

 117.0256, 44.4098,
57.9198

 12.3829, 30.2233,
8.6680

 130.9135, 45.3078,
62.0005


 5.5860, 37.4664,
3.9102

 145.3111, 46.1309,


0.0000, INF, NaN


65.9682


0.0000, NaN, NaN


 160.2009, 46.8838,
69.8361


0.0000, NaN, NaN


 56.0072, 38.5969,
35.1871

 56.0072, 38.5969,
35.1871


 56.0080, 38.5944,
35.1875

 58.7718, 32.5566,
35.9017

 61.8100, 26.7401,
35.8304

 65.1156, 21.2778,
34.8190

 68.6709, 16.2311,
32.8752

 72.4570, 11.6272,
30.0475

■ 76.4552, 7.4705,
26.4034

■ 80.6474, 3.7498,
22.0172

■ 85.0172, 0.4441,
16.9623

■ 89.5495, -2.4725,
11.3082

Harmonies

Analogous

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



56.0088, 72.5179, 26.2035



56.0072, 38.5969, 35.1871



56.0088, -0.8243, 37.0684

Triad

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



56.0088, 38.5926, 35.1877



56.0088, -56.9852, 5.0565



56.0088, 33.9018, -92.3564

Complementary

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



56.0072, 38.5969, 35.1871



46.1867, 9.9472, -79.2019

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.



56.0088, -5.1262, -111.8093



56.0072, 38.5969, 35.1871



56.0088, -52.0894, -38.2102

Square

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



56.0088, 38.5926, 35.1877



56.0088, -50.7519, 27.9146



56.0088, -35.1436, -87.5750



56.0088, 69.3611, -44.2481

Rectangle

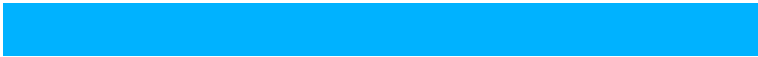
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.0072, 38.5969, 35.1871



56.0088, -23.1545, 36.5286



56.0088, -35.1436, -87.5750



56.0088, 20.5013, -103.4279

Sweetspot

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



56.0088, 38.5926, 35.1877



85.5467, 4.0118, 23.4092



45.2373, 80.9770, 2.0402



38.6968, 2.6037, 11.7816

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.0088, 38.5926, 35.1877



59.3609, 41.1431, 37.2982



88.1388, -20.5354, 53.9511



41.2420, -1.2014, 5.0503



41.3789, 27.5031, 25.9790



12.7380, 6.0985, 7.9558

Inverse Universe

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



46.1867, 9.9472, -79.2019



48.9187, 10.7425, -84.3341



25.6633, 67.1735, -177.0843



40.7313, -3.0105, -0.7505



34.2564, 6.5158, -56.8833



10.8419, 0.1370, -13.8472

Previews

White Background



This preview shows how the HunterLab color 56.0072, 38.5969, 35.1871 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 56.0072, 38.5969, 35.1871 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 56.0072, 38.5969, 35.1871 Background



This preview shows how black text looks on a background with the HunterLab color 56.0072, 38.5969, 35.1871.



This preview shows how white text looks on a background with the HunterLab color 56.0072, 38.5969,

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

56.0072, 38.5969, 35.1871

Protanopia

56.2237, -7.7526, 33.7086

Deuteranopia

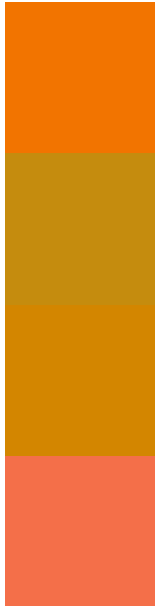
56.2034, 3.6487, 34.6962



Tritanopia

56.0138, 48.9259, 18.2036

Trichromacy



Original Color

56.0072, 38.5969, 35.1871

Protanomaly

55.3698, 7.8217, 33.8107

Deuteranomaly

55.5869, 16.3637, 34.5389

Tritanomaly

55.7521, 43.9324, 28.4200

Monochromacy



Original Color

56.0072, 38.5969, 35.1871

Achromatopsia

51.2104, -2.7325, 2.7824

Achromatomaly

51.2845, 7.8858, 20.8128

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.0072, 38.5969, 35.1871 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(242, 116, 0)` looks like.

```
.text, #text, p{  
    color:rgb(242, 116, 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(242, 116, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 116, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 56.0072, 38.5969, 35.1871 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(242, 116, 0) }
```


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

```
.border{ border-color:rgb(242, 116, 0) }
```

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

Here you see how a box with a 4 pixel rgb(242, 116, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 116, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 116, 0);  
box-shadow:4px 4px 4px 4px rgb(242, 116,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.0072, 38.5969, 35.1871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 116, 0) }
```

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

```
.background{ background-color: rgb(242,  
116, 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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