

Converting Colors

HunterLab(56.2975, 39.4802,
32.3849)

Have a look what the booklet for
HunterLab(56.2975, 39.4802,
32.3849) contains.

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Color

**HunterLab(56.1974, 39.4963,
32.3698)**

Conversions

Conversions Part 1

Format	Color
Hex	F27430
RGB	242, 116, 48
RGB Percent	95%, 45%, 19%
CMY	0.0510, 0.5451, 0.8118
CMYK	0.00, 0.52, 0.80, 0.05
HSL	21°, 88%, 57%
HSV	21°, 80%, 95%
XYZ	43.3969, 31.5815, 6.6049
YIQ	145.9220, 96.9240, 5.5640

Conversions

Conversions Part 2

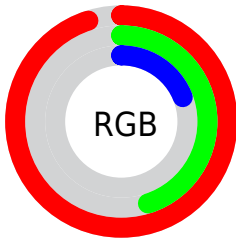
Format	Color
R _Y B	242, 153, 48
Decimal	15889456
CIE Lab	63.00, 44.51, 57.62
CIE LCh	63, 72.808, 52.311
Yxy	31.5832, 0.5319, 0.3871
Android (android.graphics.Color)	4294079536 (0xFFFF27430)
YUV	145.9220, -48.2755, 84.2604
Hunter-Lab	56.1974, 39.4963, 32.3698

Details

The HunterLab color **56.1974, 39.4963, 32.3698** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **61.0810, -12.2637, -44.1176**, and the grayscale version is **53.7442, -2.8677, 2.9200**.

A 20% lighter version of the original color is **71.3515, 19.9005, 34.5059**, and **36.4012, 36.4496, 23.0684** is the 20% darker color. If you saturate the color by 10%, you get **53.0213, 46.4732, 32.5308**, and if you desaturate by 10%, it is **59.8127, 32.6301, 31.3159**.

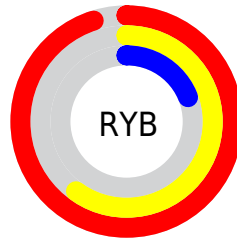
Distribution



Red (95%)

Green (45%)

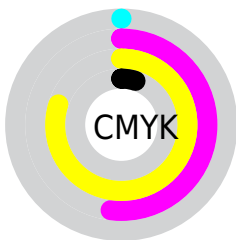
Blue (19%)



Red (95%)

Yellow (60%)

Blue (19%)

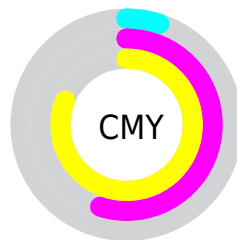


Cyan (0%)

Magenta (52%)

Yellow (80%)

Black (5%)



Cyan (5%)

Magenta (55%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.1974, 39.4963, 32.3698 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 56.1974, 39.4963, 32.3698 by changing the saturation by 10% instead.

56.1974, 39.4963,
32.3698

56.1974, 39.4963,
32.3698

175.8455, 48.7094,
64.4752

45.8730, 37.9870,
28.0503

78.8398, 42.1666,
40.3923

36.2708, 36.3634,
23.4810

91.0824, 43.3505,
44.1534

27.4515, 34.6252,
19.2160

103.9002, 44.4416,
47.7805

19.4921, 32.8023,
13.6445

117.2687, 45.4464,
51.2929

12.4980, 31.0129,
8.7486

131.1658, 46.3707,
54.7063

5.7600, 37.5017,
4.0320

145.5724, 47.2196,

0.0000, INF, NaN

58.0341

0.0000, NaN, NaN

160.4708, 47.9978,
61.2873

0.0000, NaN, NaN

■ 56.1974, 39.4963,
32.3698

■ 56.1974, 39.4963,
32.3698

■ 53.0213, 46.4732,
32.5308

■ 59.8127, 32.6301,
31.3159


■ 50.3467, 53.1893,
31.9545


■ 63.8233, 26.0513,
29.4129


■ 68.1898, 19.8504,
26.7484


■ 72.8734, 14.0702,
23.4207

■ 77.8390, 8.7186,
19.5246

 83.0553, 3.7812,
15.1442

 88.4952, -0.7682,
10.3517

 94.1352, -4.9618,
5.2068

 98.8014, -9.5307,
3.9407

Harmonies

Analogous

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



56.1989, 65.5122, 20.9677



56.1974, 39.4963, 32.3698



56.1989, 5.4176, 35.5666

Triad

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



56.1989, 39.4920, 32.3705



56.1989, -51.6771, 10.2998



56.1989, 22.1536, -81.7735

Complementary

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



56.1974, 39.4963, 32.3698



61.0810, -12.2637, -44.1176

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.



56.1989, -10.9527, -90.5377



56.1974, 39.4963, 32.3698



56.1989, -49.1296, -23.8146

Square

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



56.1989, 39.4920, 32.3705



56.1989, -43.6739, 28.2710



56.1989, -35.7190, -65.2053



56.1989, 54.0499, -45.4027

Rectangle

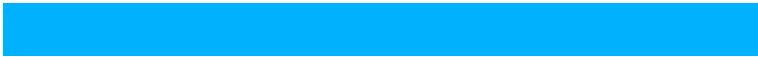
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.1974, 39.4963, 32.3698



56.1989, -15.4572, 35.3835



56.1989, -35.7190, -65.2053



56.1989, 10.6431, -88.6400

Sweetspot

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



56.1989, 39.4920, 32.3705



85.9513, 6.0071, 17.9420



49.0420, 79.1461, -16.8693



38.8526, 3.6500, 9.0643

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.1989, 39.4920, 32.3705



54.4525, 53.7957, 34.1763



81.6264, -9.6260, 48.0980



40.8230, -0.4914, 4.5958



37.2138, 38.1243, 23.5984



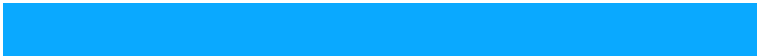
11.5423, 8.8872, 7.2679

Inverse Universe

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



61.0810, -12.2637, -44.1176



59.7752, -7.8537, -57.1441



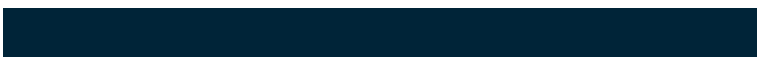
35.1586, 39.5402, -119.3040



41.1607, -3.7117, -0.2290



40.8590, -4.9456, -40.3941



12.5487, -2.6097, -10.0512

Previews

White Background



This preview shows how the HunterLab color 56.1974, 39.4963, 32.3698 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 56.1974, 39.4963, 32.3698 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 56.1974, 39.4963, 32.3698 Background



This preview shows how black text looks on a background with the HunterLab color 56.1974, 39.4963, 32.3698.



This preview shows how white text looks on a background with the HunterLab color 56.1974, 39.4963,

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

56.1974, 39.4963, 32.3698

Protanopia

56.3435, -6.8870, 30.3857

Deuteranopia

56.2114, 3.9244, 32.7717



Tritanopia

56.2234, 48.5315, 18.0700

Trichromacy



Original Color

56.1974, 39.4963, 32.3698

Protanomaly

55.5813, 8.9370, 30.6825

Deuteranomaly

55.6049, 16.7204, 32.2205

Tritanomaly

56.1932, 44.5767, 24.9634

Monochromacy



Original Color

56.1974, 39.4963, 32.3698

Achromatopsia

53.6135, -2.8607, 2.9129

Achromatomaly

53.1766, 9.4374, 16.4846

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.1974, 39.4963, 32.3698 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, 48)` looks like.

```
.text, #text, p{  
    color:rgb(242, 116, 48)  
}
```

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, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 116, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 56.1974, 39.4963, 32.3698 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, 48) }
```


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

```
.border{ border-color:rgb(242, 116, 48) }
```

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, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 116, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 116, 48);  
box-shadow:4px 4px 4px 4px rgb(242, 116,  
48) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.1974, 39.4963, 32.3698 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, 48) }
```

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

```
.background{ background-color: rgb(242,  
116, 48) }
```

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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