

Converting Colors

HunterLab(60.3316, 28.8683,
37.6814)

Have a look what the booklet for
HunterLab(60.3316, 28.8683,
37.6814) contains.

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Color

**HunterLab(60.4033, 28.5228,
37.7196)**

Conversions

Conversions Part 1

Format	Color
Hex	F28800
RGB	242, 136, 0
RGB Percent	95%, 53%, 0%
CMY	0.0510, 0.4666, 1.0000
CMYK	0.00, 0.44, 1.00, 0.05
HSL	34°, 100%, 47%
HSV	34°, 100%, 95%
XYZ	45.4221, 36.4856, 4.6484
YIQ	152.1900, 106.8320, -19.8240

Conversions

Conversions Part 2

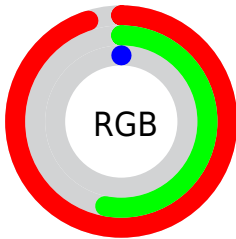
Format	Color
R_{YB}	189, 242, 0
Decimal	15894528
CIE Lab	66.89, 33.63, 73.01
CIE LCh	67, 80.384, 65.271
Yxy	36.4875, 0.5248, 0.4215
Android (android.graphics.Color)	4294084608 (0xFFFF28800)
YUV	152.1900, -75.0297, 78.7634
Hunter-Lab	60.4033, 28.5228, 37.7196

Details

The HunterLab color **60.4033, 28.5228, 37.7196** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark saturated orange. A complement of this color would be **40.8891, 20.9099, -96.2454**, and the grayscale version is **56.3772, -3.0081, 3.0631**.

A 20% lighter version of the original color is **76.5297, 8.0154, 42.4142**, and **40.1008, 27.0349, 25.1832** is the 20% darker color. If you saturate the color by 10%, you get **60.4039, 28.5208, 37.7199**, and if you desaturate by 10%, it is **62.9995, 23.3647, 38.4050**.

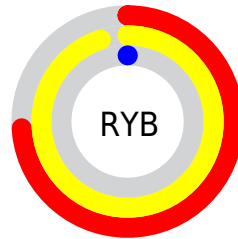
Distribution



Red (95%)

Green (53%)

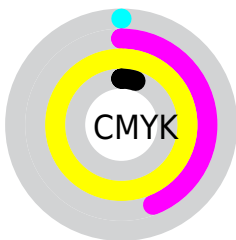
Blue (0%)



Red (74%)

Yellow (95%)

Blue (0%)

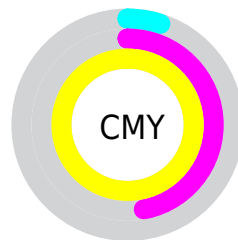


Cyan (0%)

Magenta (44%)

Yellow (100%)

Black (5%)



Cyan (5%)


Magenta (47%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 60.4033, 28.5228, 37.7196 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 60.4033, 28.5228, 37.7196 by changing the saturation by 10% instead.


 60.4033, 28.5228,
37.7196


 60.4033, 28.5228,
37.7196


181.9578, 33.9857,
76.8036


 49.8106, 27.4821,
32.5014


 83.5368, 30.2830,
47.4882


 39.9203, 26.3284,
27.1307


 96.0065, 31.0285,
52.0813


 30.7881, 25.0467,
21.5517


 109.0415, 31.6928,
56.5104

 22.4832, 23.6294,
15.7383

 122.6183, 32.2821,
60.7954

 15.0982, 22.0863,
10.5687

 136.7160, 32.8017,
64.9533

 8.7341, 20.6959,
6.1139

 151.3160, 33.2562,

0.0000, INF, NaN

68.9991

0.0000, NaN, NaN

166.4017, 33.6497,
72.9455

0.0000, NaN, NaN

60.4033, 28.5228,
37.7196

60.4033, 28.5228,
37.7196

60.4039, 28.5208,
37.7199

62.9995, 23.3647,
38.4050

65.7859, 18.5115,
38.3007

68.7654, 14.0553,
37.2425

71.9299, 10.0332,
35.2150

75.2697, 6.4593,
32.2427

■ 78.7742, 3.3323,
28.3727

■ 82.4326, 0.6404,
23.6627

■ 86.2347, -1.6350,
18.1754

■ 90.1705, -3.5164,
11.9733

Harmonies

Analogous

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



60.4049, 64.2549, 30.2790



60.4033, 28.5228, 37.7196



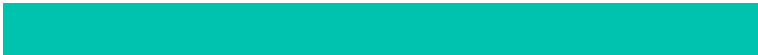
60.4049, -9.4498, 38.9634

Triad

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



60.4049, 28.5187, 37.7202



60.4049, -57.8256, -3.0740



60.4049, 42.1290, -78.8784

Complementary

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



60.4033, 28.5228, 37.7196



40.8891, 20.9099, -96.2454

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.



60.4049, 3.2599, -105.7818



60.4033, 28.5228, 37.7196



60.4049, -49.9612, -48.3836

Square

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



60.4049, 28.5187, 37.7202



60.4049, -54.0890, 24.8454



60.4049, -29.5245, -92.2097



60.4049, 73.3138, -31.2229

Rectangle

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



60.4033, 28.5228, 37.7196



60.4049, -30.0094, 37.6571



60.4049, -29.5245, -92.2097



60.4049, 29.2289, -91.6109

Sweetspot

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



60.4049, 28.5187, 37.7202



87.4460, 0.7028, 25.1596



44.6983, 79.0115, 9.7706



39.6885, 0.8592, 12.6646

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



60.4049, 28.5187, 37.7202



64.0297, 30.4281, 39.9875



89.6159, -28.6477, 54.7192



41.5123, -1.6556, 5.3414



44.5847, 20.2253, 27.8270



13.6067, 4.2668, 8.4591

Inverse Universe

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



40.8891, 20.9099, -96.2454



43.2899, 22.4204, -102.5077



25.4753, 68.7889, -178.6041



40.4573, -2.5593, -1.0862



30.4015, 14.3723, -69.0249



9.8163, 2.0021, -16.5915

Previews

White Background



This preview shows how the HunterLab color 60.4033, 28.5228, 37.7196 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 60.4033, 28.5228, 37.7196 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 60.4033, 28.5228, 37.7196 Background



This preview shows how black text looks on a background with the HunterLab color 60.4033, 28.5228, 37.7196.



This preview shows how white text looks on a background with the HunterLab color 60.4033, 28.5228,

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

60.4033, 28.5228, 37.7196

Protanopia

60.6533, -8.5545, 36.6223

Deuteranopia

60.4686, 3.9184, 37.3291



Tritanopia

60.3698, 42.7588, 15.4365

Trichromacy



Original Color

60.4033, 28.5228, 37.7196

Protanomaly

60.0973, 4.1288, 36.7608

Deuteranomaly

60.1996, 12.6731, 37.3166

Tritanomaly

60.0413, 35.6034, 28.9266

Monochromacy



Original Color

60.4033, 28.5228, 37.7196

Achromatopsia

56.0347, -2.9899, 3.0445

Achromatomaly

56.3339, 4.2183, 22.8839

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.4033, 28.5228, 37.7196 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, 136, 0)` looks like.

```
.text, #text, p{  
    color:rgb(242, 136, 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, 136, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 136, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 60.4033, 28.5228, 37.7196 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, 136, 0) }
```


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

```
.border{ border-color:rgb(242, 136, 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, 136, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 136, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 136, 0);  
box-shadow:4px 4px 4px 4px rgb(242, 136,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.4033, 28.5228, 37.7196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 136, 0) }
```

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

```
.background{ background-color: rgb(242,  
136, 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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