

Converting Colors

HunterLab(56.3085, 26.2158,
35.1560)

Have a look what the booklet for
HunterLab(56.3085, 26.2158,
35.1560) contains.

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Color

**HunterLab(56.3642, 26.1314,
35.1888)**

Conversions

Conversions Part 1

Format	Color
Hex	E38000
RGB	227, 128, 0
RGB Percent	89%, 50%, 0%
CMY	0.1098, 0.4980, 1.0000
CMYK	0.00, 0.44, 1.00, 0.11
HSL	34°, 100%, 45%
HSV	34°, 100%, 89%
XYZ	39.3977, 31.7692, 4.0556
YIQ	143.0090, 100.0920, -18.8200

Conversions

Conversions Part 2

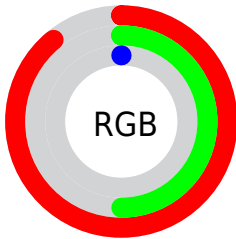
Format	Color
RYB	176, 227, 0
Decimal	14909440
CIELab	63.15, 31.63, 69.68
CIELCh	63, 76.518, 65.584
Yxy	31.7709, 0.5237, 0.4223
Android (android.graphics.Color)	4293099520 (0xFFE38000)
YUV	143.0090, -70.5034, 73.6601
Hunter-Lab	56.3642, 26.1314, 35.1888

Details

The HunterLab color **56.3642, 26.1314, 35.1888** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **38.0398, 19.4301, -89.4894**, and the grayscale version is **52.6601, -2.8098, 2.8611**.

A 20% lighter version of the original color is **74.0018, 12.5726, 41.0436**, and **36.6717, 24.6151, 23.0278** is the 20% darker color. If you saturate the color by 10%, you get **56.3646, 26.1298, 35.1891**, and if you desaturate by 10%, it is **58.7721, 21.3839, 35.7870**.

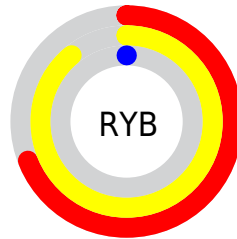
Distribution



Red (89%)

Green (50%)

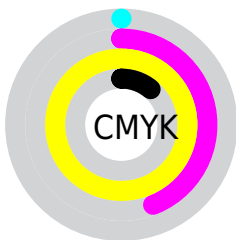
Blue (0%)



Red (69%)

Yellow (89%)

Blue (0%)

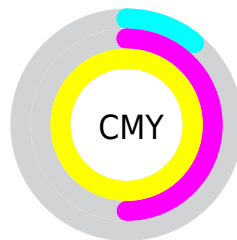


Cyan (0%)

Magenta (44%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.3642, 26.1314, 35.1888 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 56.3642, 26.1314, 35.1888 by changing the saturation by 10% instead.

56.3642, 26.1314,
35.1888

56.3642, 26.1314,
35.1888

176.0893, 31.1861,
73.1449

46.0289, 25.1323,
30.0868

79.0265, 27.8039,
44.7106

36.4149, 24.0172,
24.9524

91.2782, 28.5039,
49.1764

27.5829, 22.7700,
19.3080

104.1049, 29.1223,
53.4776

19.6093, 21.3830,
13.7265

117.4817, 29.6655,
57.6348

12.5991, 19.8717,
8.8194

131.3870, 30.1390,
61.6658

5.9082, 23.8623,
4.1357

145.8013, 30.5476,

0.0000, INF, NaN

65.5861

0.0000, NaN, NaN

160.7073, 30.8954,
69.4087

0.0000, NaN, NaN

56.3642, 26.1314,
35.1888

56.3642, 26.1314,
35.1888

56.3646, 26.1298,
35.1891

58.7721, 21.3839,
35.7870

61.3535, 16.9180,
35.6626

64.1116, 12.8206,
34.6558

67.0393, 9.1245,
32.7535

70.1276, 5.8425,
29.9785

■ 73.3669, 2.9729,
26.3737

■ 76.7475, 0.5049,
21.9922

■ 80.2600, -1.5787,
16.8913

■ 83.8955, -3.2985,
11.1284

Harmonies

Analogous

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



56.3657, 59.4412, 28.3279



56.3642, 26.1314, 35.1888



56.3657, -9.1359, 36.3145

Triad

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



56.3657, 26.1276, 35.1894



56.3657, -53.8173, -3.2187



56.3657, 39.5290, -72.8573

Complementary

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



56.3642, 26.1314, 35.1888



38.0398, 19.4301, -89.4894

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.



56.3657, 3.3881, -98.1651



56.3642, 26.1314, 35.1888



56.3657, -46.3738, -45.4324

Square

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



56.3657, 26.1276, 35.1894



56.3657, -50.4484, 22.9578



56.3657, -27.2174, -85.9624



56.3657, 68.3570, -28.5490

Rectangle

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



56.3642, 26.1314, 35.1888



56.3657, -28.1918, 35.0618



56.3657, -27.2174, -85.9624



56.3657, 27.5528, -84.7627

Sweetspot

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



56.3657, 26.1276, 35.1894



87.4898, 0.6273, 25.1996



41.5853, 73.5289, 8.9321



39.7114, 0.8194, 12.6848

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.3657, 26.1276, 35.1894



64.1432, 30.1798, 40.0531



83.3567, -26.6315, 50.8975



39.6355, -1.5933, 5.0918



43.3181, 19.3612, 27.0314



12.5329, 3.6855, 7.7872

Inverse Universe

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



38.0398, 19.4301, -89.4894



43.1675, 22.6940, -102.9455



23.7062, 63.9892, -166.0279



38.6213, -2.4322, -1.0285



29.4302, 13.9991, -67.0053



9.0671, 1.6359, -14.8644

Previews

White Background



This preview shows how the HunterLab color 56.3642, 26.1314, 35.1888 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 56.3642, 26.1314, 35.1888 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 56.3642, 26.1314, 35.1888 Background



This preview shows how black text looks on a background with the HunterLab color 56.3642, 26.1314, 35.1888.



This preview shows how white text looks on a background with the HunterLab color 56.3642, 26.1314,

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

56.3642, 26.1314, 35.1888

Protanopia

56.6031, -7.9234, 34.1404

Deuteranopia

56.3206, 4.0421, 34.7753



Tritanopia

56.3160, 38.9532, 14.2446

Trichromacy



Original Color

56.3642, 26.1314, 35.1888

Protanomaly

56.2249, 3.7638, 34.3776

Deuteranomaly

56.2024, 11.8101, 34.8384

Tritanomaly

55.9787, 33.0228, 26.8269

Monochromacy



Original Color

56.3642, 26.1314, 35.1888

Achromatopsia

52.4097, -2.7964, 2.8475

Achromatomaly

52.8497, 3.5432, 21.5242

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.3642, 26.1314, 35.1888 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(227, 128, 0)` looks like.

```
.text, #text, p{  
    color:rgb(227, 128, 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(227, 128, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 128, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 56.3642, 26.1314, 35.1888 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(227, 128, 0) }
```


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

```
.border{ border-color:rgb(227, 128, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 128, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 128, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 128, 0);  
box-shadow:4px 4px 4px 4px rgb(227, 128,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.3642, 26.1314, 35.1888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 128, 0) }
```

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

```
.background{ background-color: rgb(227,  
128, 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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