

Converting Colors

HunterLab(57.0274, 26.3936,
35.6022)

Have a look what the booklet for
HunterLab(57.0274, 26.3936,
35.6022) contains.

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Color

**HunterLab(56.8846, 26.4820,
35.5156)**

Conversions

Conversions Part 1

Format	Color
Hex	E58100
RGB	229, 129, 0
RGB Percent	90%, 51%, 0%
CMY	0.1020, 0.4941, 1.0000
CMYK	0.00, 0.44, 1.00, 0.10
HSL	34°, 100%, 45%
HSV	34°, 100%, 90%
XYZ	40.1634, 32.3586, 4.1290
YIQ	144.1940, 101.0090, -18.9190

Conversions

Conversions Part 2

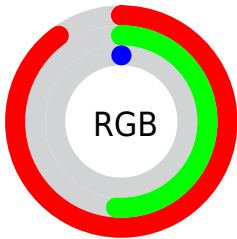
Format	Color
R_{YB}	178, 229, 0
Decimal	15040768
CIE _{Lab}	63.64, 31.93, 70.11
CIE _{LCh}	64, 77.042, 65.514
Yxy	32.3603, 0.5240, 0.4222
Android (android.graphics.Color)	4293230848 (0xFFE58100)
YUV	144.1940, -71.0876, 74.3749
Hunter-Lab	56.8846, 26.4820, 35.5156

Details

The HunterLab color **56.8846, 26.4820, 35.5156** 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 **38.4345, 19.5891, -90.3260**, and the grayscale version is **53.1375, -2.8353, 2.8871**.

A 20% lighter version of the original color is **74.5533, 11.5374, 41.4006**, and **37.1584, 24.9585, 23.3338** is the 20% darker color. If you saturate the color by 10%, you get **56.8850, 26.4805, 35.5159**, and if you desaturate by 10%, it is **59.3183, 21.6769, 36.1256**.

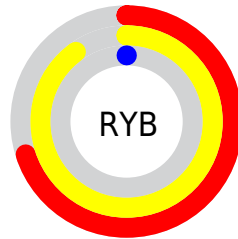
Distribution



Red (90%)

Green (51%)

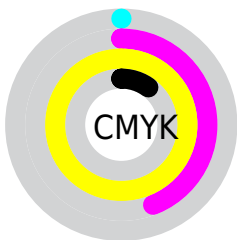
Blue (0%)



Red (70%)

Yellow (90%)

Blue (0%)

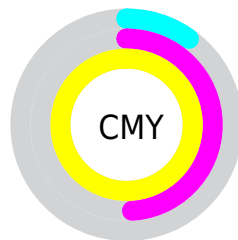


Cyan (0%)

Magenta (44%)

Yellow (100%)

Black (10%)



Cyan (10%)

Magenta (49%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 56.8846, 26.4820, 35.5156 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 56.8846, 26.4820, 35.5156 by changing the saturation by 10% instead.


 56.8846, 26.4820,
35.5156


 56.8846, 26.4820,
35.5156


176.8495, 31.6048,
73.6217


 46.5154, 25.4756,
30.3981


 79.6087, 28.1695,
45.0703


 36.8650, 24.3535,
25.2290


 91.8891, 28.8773,
49.5531


 27.9934, 23.1000,
19.5953


 104.7431, 29.5033,
53.8713

 19.9759, 21.7072,
13.9831

 118.1461, 30.0542,
58.0455

 12.9158, 20.1901,
9.0410

 132.0766, 30.5353,
62.0935

 6.3476, 22.7753,
4.4433

 146.5152, 30.9515,

0.0000, INF, NaN

66.0304

0.0000, NaN, NaN

161.4447, 31.3067,
69.8694

0.0000, NaN, NaN

56.8846, 26.4820,
35.5156

56.8846, 26.4820,
35.5156

56.8850, 26.4805,
35.5159

59.3183, 21.6769,
36.1256

61.9279, 17.1563,
36.0040

64.7166, 13.0079,
34.9907

67.6771, 9.2652,
33.0721

70.8003, 5.9411,
30.2715

■ 74.0765, 3.0340,
26.6322

■ 77.4958, 0.5330,
22.2082

■ 81.0486, -1.5794,
17.0575

■ 84.7259, -3.3240,
11.2381

Harmonies

Analogous

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



56.8861, 60.1067, 28.5728



56.8846, 26.4820, 35.5156



56.8861, -9.1484, 36.6597

Triad

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



56.8861, 26.4782, 35.5162



56.8861, -54.3461, -3.1690



56.8861, 39.8447, -73.6984

Complementary

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



56.8846, 26.4820, 35.5156



38.4345, 19.5891, -90.3260

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.



56.8861, 3.3410, -99.1939



56.8846, 26.4820, 35.5156



56.8861, -46.8577, -45.7874

Square

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



56.8861, 26.4782, 35.5162



56.8861, -50.9195, 23.2211



56.8861, -27.5441, -86.7742



56.8861, 69.0003, -28.9448

Rectangle

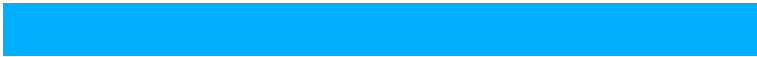
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.8846, 26.4820, 35.5156



56.8861, -28.4093, 35.4030



56.8861, -27.5441, -86.7742



56.8861, 27.7441, -85.7082

Sweetspot

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



56.8861, 26.4782, 35.5162



87.4769, 0.6496, 25.1878



41.9982, 74.2561, 9.0432



39.7046, 0.8312, 12.6789

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.8861, 26.4782, 35.5162



64.1097, 30.2532, 40.0337



84.1869, -26.8990, 51.4045



39.6338, -1.5904, 5.0900



43.2959, 19.4094, 27.0185



12.5274, 3.6966, 7.7840

Inverse Universe

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



38.4345, 19.5891, -90.3260



43.2036, 22.6131, -102.8161



23.9409, 64.6257, -167.6960



38.6231, -2.4351, -1.0263



29.4542, 13.9465, -66.9217



9.0731, 1.6244, -14.8472

Previews

White Background



This preview shows how the HunterLab color 56.8846, 26.4820, 35.5156 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 56.8846, 26.4820, 35.5156 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 56.8846, 26.4820, 35.5156 Background



This preview shows how black text looks on a background with the HunterLab color 56.8846, 26.4820, 35.5156.



This preview shows how white text looks on a background with the HunterLab color 56.8846, 26.4820,

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

56.8846, 26.4820, 35.5156

Protanopia

56.9956, -8.0237, 34.3847

Tritanopia

56.8464, 39.3622, 14.4176

Trichromacy



Original Color

56.8846, 26.4820, 35.5156

Protanomaly

56.6138, 3.6720, 34.6179

Tritanomaly

56.4941, 33.3557, 27.2255

Monochromacy



Original Color

56.8846, 26.4820, 35.5156

Achromatopsia

52.8104, -2.8178, 2.8693

Achromatomaly

53.2465, 3.5119, 21.5973

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.8846, 26.4820, 35.5156 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(229, 129, 0)` looks like.

```
.text, #text, p{  
    color:rgb(229, 129, 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(229, 129, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 129, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 56.8846, 26.4820, 35.5156 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(229, 129, 0) }
```

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

```
.border{ border-color:rgb(229, 129, 0) }
```

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

Here you see how a box with a 4 pixel rgb(229, 129, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 129, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 129, 0);  
box-shadow:4px 4px 4px 4px rgb(229, 129,  
0) }
```


Background

The CSS property to change the background color of an element to HunterLab 56.8846, 26.4820, 35.5156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 129, 0) }
```

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

```
.background{ background-color: rgb(229,  
129, 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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