

Converting Colors

HunterLab(56.6247, 28.1890,
34.5366)

Have a look what the booklet for
HunterLab(56.6247, 28.1890,
34.5366) contains.

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Color

**HunterLab(56.6247, 28.1890,
34.5366)**

Conversions

Conversions Part 1

Format	Color
Hex	E67F17
RGB	230, 127, 23
RGB Percent	90%, 50%, 9%
CMY	0.0980, 0.5019, 0.9098
CMYK	0.00, 0.45, 0.90, 0.10
HSL	30°, 82%, 50%
HSV	30°, 90%, 90%
XYZ	40.3771, 32.0636, 4.8714
YIQ	145.9410, 94.7720, -10.5080

Conversions

Conversions Part 2

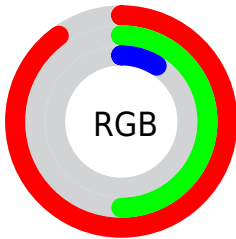
Format	Color
R _Y B	228, 230, 23
Decimal	15105815
CIE Lab	63.40, 33.64, 65.89
CIE LCh	63, 73.980, 62.951
Yxy	32.0653, 0.5223, 0.4147
Android (android.graphics.Color)	4293295895 (0xFFE67F17)
YUV	145.9410, -60.6099, 73.7197
Hunter-Lab	56.6247, 28.1890, 34.5366

Details

The HunterLab color **56.6247, 28.1890, 34.5366** 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 **45.6250, 6.6063, -69.0545**, and the grayscale version is **53.8003, -2.8706, 2.9231**.

A 20% lighter version of the original color is **74.0958, 13.0661, 39.6571**, and **36.7338, 26.7443, 23.1034** is the 20% darker color. If you saturate the color by 10%, you get **54.0492, 33.6453, 33.8937**, and if you desaturate by 10%, it is **59.4363, 22.9606, 34.4474**.

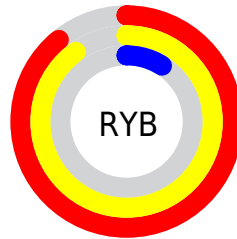
Distribution



Red (90%)

Green (50%)

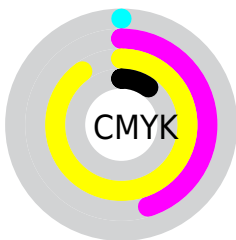
Blue (9%)



Red (89%)

Yellow (90%)

Blue (9%)

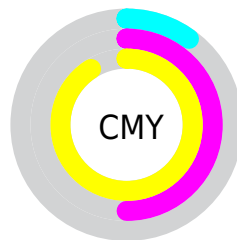


Cyan (0%)

Magenta (45%)

Yellow (90%)

Black (10%)



Cyan (10%)

Magenta (50%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.6247, 28.1890, 34.5366 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 56.6247, 28.1890, 34.5366 by changing the saturation by 10% instead.

56.6247, 28.1890,
34.5366

56.6247, 28.1890,
34.5366

176.4700, 33.8959,
70.6214

46.2724, 27.1082,
29.6808

79.3180, 30.0194,
43.5810

36.6402, 25.9104,
24.6374

91.5841, 30.7955,
47.8213

27.7883, 24.5811,
19.4518

104.4244, 31.4881,
51.9065

19.7927, 23.1163,
13.8549

117.8144, 32.1035,
55.8570

12.7574, 21.5414,
8.9302

131.7323, 32.6474,
59.6902

6.1323, 24.9450,
4.2926

146.1588, 33.1247,

0.0000, INF, NaN

63.4206

0.0000, NaN, NaN

161.0766, 33.5396,
67.0608

0.0000, NaN, NaN

56.6247, 28.1890,
34.5366

56.6247, 28.1890,
34.5366

54.0492, 33.6453,
33.8937

59.4363, 22.9606,
34.4474

54.0486, 33.6465,
33.8936

62.4754, 18.0867,
33.4697

65.7297, 13.6115,
31.6063

69.1842, 9.5553,
28.8970

72.8238, 5.9195,
25.3996

■ 76.6338, 2.6926,
21.1798

■ 80.6007, -0.1447,
16.3037

■ 84.7117, -2.6159,
10.8348

■ 88.9556, -4.7468,
4.8316

Harmonies

Analogous

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



56.6262, 59.3143, 26.7717



56.6247, 28.1890, 34.5366



56.6262, -6.1962, 36.0735

Triad

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



56.6262, 28.1852, 34.5372



56.6262, -52.7797, -0.0543



56.6262, 35.0045, -72.6153

Complementary

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



56.6247, 28.1890, 34.5366



45.6250, 6.6063, -69.0545

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.



56.6262, 0.2186, -93.7995



56.6247, 28.1890, 34.5366



56.6262, -46.3957, -39.5592

Square

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



56.6262, 28.1852, 34.5372



56.6262, -48.5158, 23.9535



56.6262, -28.6635, -79.1851



56.6262, 63.8330, -31.0367

Rectangle

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



56.6247, 28.1890, 34.5366



56.6262, -25.3289, 35.0041



56.6262, -28.6635, -79.1851



56.6262, 23.3758, -83.1593

Sweetspot

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



56.6262, 28.1852, 34.5372



87.4007, 2.0761, 22.3222



43.5376, 74.4305, 1.0184



39.7376, 1.4935, 11.1545

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.6262, 28.1852, 34.5372



60.6054, 38.1859, 38.0133



85.7192, -22.8083, 51.8596



39.4444, -1.2725, 4.8862



40.9678, 24.6185, 25.6751



11.9418, 4.9068, 7.4444

Inverse Universe

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



45.6250, 6.6063, -69.0545



47.2941, 13.9456, -89.2181



25.5115, 59.9074, -157.2152



38.8148, -2.7511, -0.7913



32.1690, 8.3102, -58.1477



9.7491, 0.3927, -13.0331

Previews

White Background



This preview shows how the HunterLab color 56.6247, 28.1890, 34.5366 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 56.6247, 28.1890, 34.5366 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 56.6247, 28.1890, 34.5366 Background



This preview shows how black text looks on a background with the HunterLab color 56.6247, 28.1890, 34.5366.



This preview shows how white text looks on a background with the HunterLab color 56.6247, 28.1890,

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

56.6247, 28.1890, 34.5366

Protanopia

56.6519, -7.6520, 33.4180

Deuteranopia

56.7097, 3.9511, 35.0134



Tritanopia

56.5523, 40.6742, 14.5086

Trichromacy



Original Color

56.6247, 28.1890, 34.5366

Protanomaly

56.1246, 4.9263, 33.5094

Deuteranomaly

56.4736, 12.7112, 34.7801

Tritanomaly

56.3202, 35.3294, 25.3732

Monochromacy



Original Color

56.6247, 28.1890, 34.5366

Achromatopsia

53.6135, -2.8607, 2.9129

Achromatomaly

53.6208, 5.0762, 19.5162

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.6247, 28.1890, 34.5366 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(230, 127, 23)` looks like.

```
.text, #text, p{  
    color:rgb(230, 127, 23)  
}
```

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(230, 127, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 127, 23) }
```

Border

The CSS property to change the border of an element to HunterLab 56.6247, 28.1890, 34.5366 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(230, 127, 23) }
```


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

```
.border{ border-color:rgb(230, 127, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 127, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 127, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 127, 23);  
box-shadow:4px 4px 4px 4px rgb(230, 127,  
23) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.6247, 28.1890, 34.5366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 127, 23) }
```

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

```
.background{ background-color: rgb(230,  
127, 23) }
```

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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