

Converting Colors

HunterLab(56.2022, 34.0718,
30.6898)

Have a look what the booklet for
HunterLab(56.2022, 34.0718,
30.6898) contains.

| | |
|---|----|
| HunterLab(56.1190, 34.0618, 30.6600) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**HunterLab(56.1190, 34.0618,
30.6600)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | EA793C |
| RGB | 234, 121, 60 |
| RGB Percent | 92%, 47%, 24% |
| CMY | 0.0824, 0.5255, 0.7647 |
| CMYK | 0.00, 0.48, 0.74, 0.08 |
| HSL | 21°, 81%, 58% |
| HSV | 21°, 74%, 92% |
| XYZ | 41.5847, 31.4934, 8.1621 |
| YIQ | 147.8330, 86.9290, 4.9850 |

Conversions

Conversions Part 2

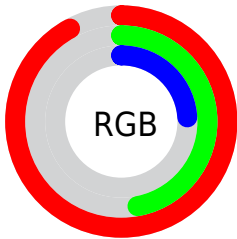
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 234, 154, 60 |
| Decimal | 15366460 |
| CIELab | 62.92, 39.39, 51.74 |
| CIElCh | 63, 65.033, 52.717 |
| Yxy | 31.4951, 0.5119, 0.3877 |
| Android (android.graphics.Color) | 4293556540 (0xFFEA793C) |
| YUV | 147.8330, -43.3017, 75.5685 |
| Hunter-Lab | 56.1190, 34.0618, 30.6600 |

Details

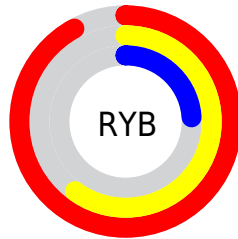
The HunterLab color **56.1190, 34.0618, 30.6600** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **60.6515, -12.9716, -38.9479**, and the grayscale version is **54.4970, -2.9078, 2.9609**.

A 20% lighter version of the original color is **72.8475, 18.1621, 32.9662**, and **36.2824, 31.1434, 22.6207** is the 20% darker color. If you saturate the color by 10%, you get **52.8135, 40.7201, 31.3280**, and if you desaturate by 10%, it is **59.8236, 27.6125, 29.1549**.

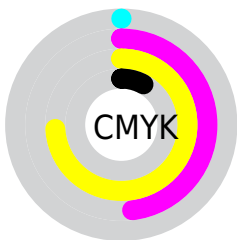
Distribution



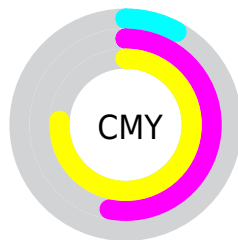
- Red (92%)
- Green (47%)
- Blue (24%)



- Red (92%)
- Yellow (60%)
- Blue (24%)



- Cyan (0%)
- Magenta (48%)
- Yellow (74%)
- Black (8%)



- Cyan (8%)
- Magenta (53%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.1190, 34.0618, 30.6600 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 56.1190, 34.0618, 30.6600 by changing the saturation by 10% instead.

56.1190, 34.0618,
30.6600

56.1190, 34.0618,
30.6600

175.7307, 41.6710,
59.9247

45.7997, 32.7444,
26.7393

78.7520, 36.3522,
37.9398

36.2030, 31.3090,
22.5812

90.9902, 37.3502,
41.3574

27.3897, 29.7475,
18.4130

103.8040, 38.2591,
44.6579

19.4370, 28.0720,
13.6059

117.1684, 39.0853,
47.8590

12.4505, 26.3526,
8.7154

131.0618, 39.8348,
50.9754

5.6889, 32.2687,
3.9822

145.4646, 40.5127,

0.0000, INF, NaN

54.0188

0.0000, NaN, NaN

160.3595, 41.1234,
56.9991

0.0000, NaN, NaN

■ 56.1190, 34.0618,
30.6600

■ 56.1190, 34.0618,
30.6600

■ 52.8135, 40.7201,
31.3280

■ 59.8236, 27.6125,
29.1549

■ 49.9385, 47.4113,
31.1417

■ 63.8839, 21.4995,
26.8823


■ 48.5111, 51.0726,
30.7865


■ 68.2631, 15.7782,
23.9348


■ 72.9261, 10.4680,
20.4057

■ 77.8413, 5.5627,
16.3801

 82.9813, 1.0408,
11.9320

 88.3222, -3.1266,
7.1233

 93.8434, -6.9715,
2.0053

 98.0981, -12.0166,
3.0567

Harmonies

Analogous

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



56.1205, 56.7758, 19.6403



56.1190, 34.0618, 30.6600



56.1205, 4.0937, 34.0138

Triad

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



56.1205, 34.0579, 30.6607



56.1205, -47.5404, 9.2487



56.1205, 19.6854, -69.0870

Complementary

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



56.1190, 34.0618, 30.6600



60.6515, -12.9716, -38.9479

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.



56.1205, -9.7532, -76.7571



56.1190, 34.0618, 30.6600



56.1205, -45.0067, -20.9355

Square

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



56.1205, 34.0579, 30.6607



56.1205, -40.1711, 26.2900



56.1205, -32.3921, -55.9834



56.1205, 47.3932, -38.3988

Rectangle

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



56.1190, 34.0618, 30.6600



56.1205, -14.5195, 33.7736



56.1205, -32.3921, -55.9834



56.1205, 9.5363, -74.9087

Sweetspot

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



56.1205, 34.0579, 30.6607



87.0732, 4.9726, 16.9905



48.7291, 72.6038, -16.8677



39.5821, 2.9502, 8.4561

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.1205, 34.0579, 30.6607



56.5592, 48.6358, 34.5480



79.2978, -9.8367, 45.4942



39.8973, -0.4847, 4.4863



36.6579, 37.4812, 23.2446



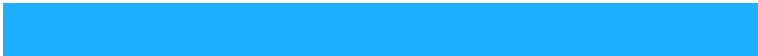
11.0908, 8.3761, 6.9807

Inverse Universe

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



60.6515, -12.9716, -38.9479



61.8827, -10.3842, -52.6938



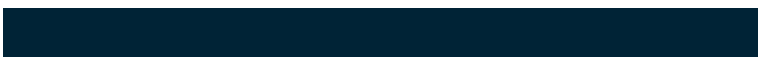
36.8416, 32.6742, -101.9981



40.2261, -3.6238, -0.2183



40.2424, -4.8935, -39.7359



12.0457, -2.5603, -9.5291

Previews

White Background



This preview shows how the HunterLab color 56.1190, 34.0618, 30.6600 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 56.1190, 34.0618, 30.6600 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 56.1190, 34.0618, 30.6600 Background



This preview shows how black text looks on a background with the HunterLab color 56.1190, 34.0618, 30.6600.



This preview shows how white text looks on a background with the HunterLab color 56.1190, 34.0618,

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

56.1190, 34.0618, 30.6600

Protanopia

56.2558, -6.9775, 28.6085

Deuteranopia

56.1998, 4.0939, 31.1484



Tritanopia

56.0752, 43.3793, 15.8448

Trichromacy



Original Color

56.1190, 34.0618, 30.6600

Protanomaly

55.4802, 7.4757, 28.8093

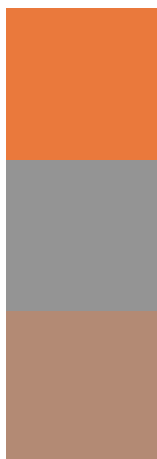
Deuteranomaly

55.8205, 15.0353, 30.6856

Tritanomaly

56.0859, 39.3562, 22.7701

Monochromacy



Original Color

56.1190, 34.0618, 30.6600

Achromatopsia

54.4186, -2.9036, 2.9567

Achromatomaly

53.8717, 7.8817, 15.1486

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.1190, 34.0618, 30.6600 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(234, 121, 60)` looks like.

```
.text, #text, p{  
    color:rgb(234, 121, 60)  
}
```

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(234, 121, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 121, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 56.1190, 34.0618, 30.6600 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(234, 121, 60) }
```


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

```
.border{ border-color:rgb(234, 121, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 121, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 121, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 121, 60);  
box-shadow:4px 4px 4px 4px rgb(234, 121,  
60) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.1190, 34.0618, 30.6600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 121, 60) }
```

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

```
.background{ background-color: rgb(234,  
121, 60) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor