

# Converting Colors

HunterLab(55.8190, 34.3260,  
34.4620)

Have a look what the booklet for  
HunterLab(55.8190, 34.3260,  
34.4620) contains.

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# Color

**HunterLab(55.9493, 34.1775,  
34.5545)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC7810
RGB	236, 120, 16
RGB Percent	93%, 47%, 6%
CMY	0.0745, 0.5294, 0.9372
CMYK	0.00, 0.49, 0.93, 0.07
HSL	28°, 87%, 49%
HSV	28°, 93%, 93%
XYZ	41.4021, 31.3032, 4.3503
YIQ	142.8280, 102.5200, -7.7520

# Conversions

## Conversions Part 2

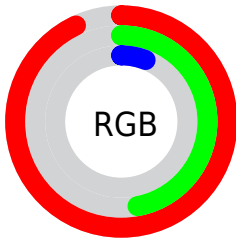
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	236, 213, 16
Decimal	15497232
CIE Lab	62.76, 39.52, 67.43
CIE LCh	63, 78.155, 59.622
Yxy	31.3050, 0.5373, 0.4062
Android (android.graphics.Color)	4293687312 (0xFFEC7810)
YUV	142.8280, -62.5262, 81.7118
Hunter-Lab	55.9493, 34.1775, 34.5545

# Details

The HunterLab color **55.9493, 34.1775, 34.5545** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **47.6115, 5.1778, -69.3927**, and the grayscale version is **52.5559, -2.8043, 2.8555**.

A 20% lighter version of the original color is **72.1581, 16.4964, 38.9832**, and **36.2498, 31.9031, 22.8955** is the 20% darker color. If you saturate the color by 10%, you get **54.1534, 38.1947, 34.0377**, and if you desaturate by 10%, it is **58.8289, 28.3729, 34.7587**.

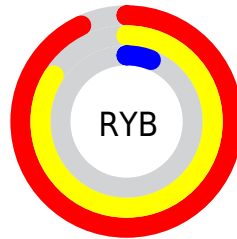
# Distribution



Red (93%)

Green (47%)

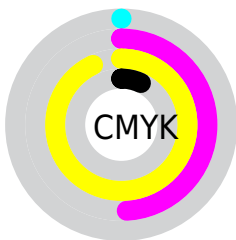
Blue (6%)



Red (93%)

Yellow (84%)

Blue (6%)

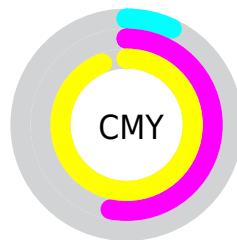


Cyan (0%)

Magenta (49%)

Yellow (93%)

Black (7%)



Cyan (7%)

Magenta (53%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.9493, 34.1775, 34.5545 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 55.9493, 34.1775, 34.5545 by changing the saturation by 10% instead.



55.9493, 34.1775,  
34.5545

55.9493, 34.1775,  
34.5545

175.4824, 41.8397,  
71.4654

45.6412, 32.8530,  
29.5850

78.5620, 36.4810,  
43.8156

36.0564, 31.4106,  
24.5145

90.7909, 37.4853,  
48.1567

27.2562, 29.8424,  
19.0793

103.5956, 38.4002,  
52.3375

19.3179, 28.1612,  
13.5225

116.9515, 39.2324,  
56.3787

12.3479, 26.4402,  
8.6435

130.8366, 39.9875,  
60.2981

5.5319, 33.1457,  
3.8723

145.2315, 40.6709,

0.0000, INF, NaN

64.1108

0.0000, NaN, NaN

160.1187, 41.2870,  
67.8296

0.0000, NaN, NaN

55.9493, 34.1775,  
34.5545

55.9493, 34.1775,  
34.5545

54.1534, 38.1947,  
34.0377

58.8289, 28.3729,  
34.7587

61.9777, 22.8817,  
34.0631

65.3803, 17.7751,  
32.4588

69.0178, 13.0906,  
29.9849

72.8709, 8.8396,  
26.7045

■ 76.9213, 5.0157,  
22.6896

■ 81.1519, 1.6013,  
18.0129

■ 85.5472, -1.4278,  
12.7435

■ 90.0932, -4.0989,  
6.9447

# Harmonies

## Analogous

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



55.9508, 66.1664, 25.9330



55.9493, 34.1775, 34.5545



55.9508, -2.5552, 36.4026

# Triad

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



55.9508, 34.1734, 34.5551



55.9508, -54.6112, 3.4555



55.9508, 33.2418, -82.8123

# Complementary

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



55.9493, 34.1775, 34.5545



47.6115, 5.1778, -69.3927

# 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.



55.9508, -3.4203, -102.0899



55.9493, 34.1775, 34.5545



55.9508, -49.3338, -37.3787

# Square

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



55.9508, 34.1734, 34.5551



55.9508, -49.0565, 26.2945



55.9508, -32.4312, -81.8884



55.9508, 65.5442, -38.5605



# Rectangle

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



55.9493, 34.1775, 34.5545



55.9508, -23.3453, 35.6976



55.9508, -32.4312, -81.8884



55.9508, 20.7723, -93.2932

# Sweetspot

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



55.9508, 34.1734, 34.5551



86.3206, 3.5210, 22.2555



44.6165, 78.0875, -0.7909



39.0175, 2.3944, 11.2920

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



55.9508, 34.1734, 34.5551



59.0133, 41.9835, 37.0987



85.8628, -20.0951, 52.2178



40.2846, -1.1411, 4.9066



40.5218, 27.5964, 25.4525



12.1684, 5.8680, 7.6009



# Inverse Universe

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



47.6115, 5.1778, -69.3927



49.3911, 9.8335, -82.9623



26.0628, 61.6922, -163.3868



39.8291, -2.9757, -0.7002



34.0671, 5.7701, -55.0368



10.5062, -0.1018, -12.9120



# Previews

## White Background



This preview shows how the HunterLab color 55.9493, 34.1775, 34.5545 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 55.9493, 34.1775, 34.5545 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 55.9493, 34.1775, 34.5545 Background



This preview shows how black text looks on a background with the HunterLab color 55.9493, 34.1775, 34.5545.



This preview shows how white text looks on a background with the HunterLab color 55.9493, 34.1775,



# 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

55.9493, 34.1775, 34.5545

### Protanopia

56.2385, -7.6703, 33.4893

### Deuteranopia

55.8149, 3.7396, 34.4583



## Tritanopia

56.0763, 45.2970, 16.8940

# Trichromacy



## Original Color

55.9493, 34.1775, 34.5545

## Protanomaly

55.4164, 6.6603, 33.4518

## Deuteranomaly

55.4536, 14.6822, 34.2431

## Tritanomaly

55.8761, 40.3829, 26.6672

# Monochromacy



## Original Color

55.9493, 34.1775, 34.5545

## Achromatopsia

52.4097, -2.7964, 2.8475

## Achromatomaly

52.4768, 6.6497, 19.6748

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 55.9493, 34.1775, 34.5545 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(236, 120, 16)` looks like.

```
.text, #text, p{  
    color:rgb(236, 120, 16)  
}
```

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(236, 120, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 120, 16) }
```

## Border

The CSS property to change the border of an element to HunterLab 55.9493, 34.1775, 34.5545 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(236, 120, 16) }
```



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

```
.border{ border-color:rgb(236, 120, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 120, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 120, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 120, 16);  
box-shadow:4px 4px 4px 4px rgb(236, 120,  
16) }
```

# Background

The CSS property to change the background color of an element to HunterLab 55.9493, 34.1775, 34.5545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 120, 16) }
```

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

```
.background{ background-color: rgb(236,  
120, 16) }
```

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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