

# Converting Colors

HunterLab(55.8295, 35.1263,  
35.0168)

Have a look what the booklet for  
HunterLab(55.8295, 35.1263,  
35.0168) contains.

<b>HunterLab(55.8553, 34.9470, 35.0296)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(55.8553, 34.9470,  
35.0296)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED7700
RGB	237, 119, 0
RGB Percent	93%, 47%, 0%
CMY	0.0706, 0.5333, 1.0000
CMYK	0.00, 0.50, 1.00, 0.07
HSL	30°, 100%, 46%
HSV	30°, 100%, 93%
XYZ	41.5219, 31.1981, 3.8334
YIQ	140.7160, 108.5270, -11.9930

# Conversions

## Conversions Part 2

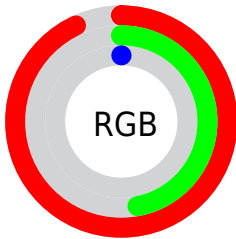
Format	Color
R <sub>Y</sub> B	235, 237, 0
Decimal	15562496
CIE Lab	62.68, 40.27, 70.10
CIE LCh	63, 80.839, 60.123
Yxy	31.1999, 0.5424, 0.4075
Android (android.graphics.Color)	4293752576 (0xFFED7700)
YUV	140.7160, -69.3730, 84.4411
Hunter-Lab	55.8553, 34.9470, 35.0296

# Details

The HunterLab color **55.8553, 34.9470, 35.0296** 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 **43.6705, 12.5370, -81.6475**, and the grayscale version is **51.7356, -2.7605, 2.8109**.

A 20% lighter version of the original color is **71.8257, 16.6788, 39.7676**, and **36.2394, 32.7417, 22.9037** is the 20% darker color. If you saturate the color by 10%, you get **55.8560, 34.9447, 35.0300**, and if you desaturate by 10%, it is **58.5235, 29.2764, 35.7150**.

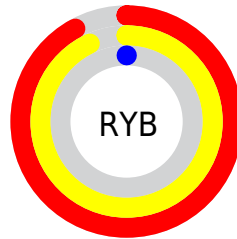
# Distribution



Red (93%)

Green (47%)

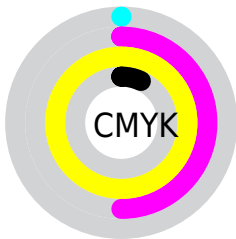
Blue (0%)



Red (92%)

Yellow (93%)

Blue (0%)

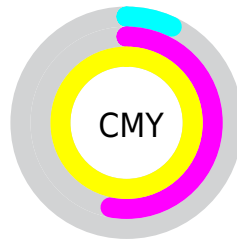


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (7%)



Cyan (7%)

Magenta (53%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.8553, 34.9470, 35.0296 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 55.8553, 34.9470, 35.0296 by changing the saturation by 10% instead.



55.8553, 34.9470,  
35.0296

55.8553, 34.9470,  
35.0296

175.3448, 42.8533,  
73.2517

45.5534, 33.5927,  
29.8899

78.4567, 37.3090,  
44.6234

35.9752, 32.1207,  
24.7813

90.6804, 38.3417,  
49.1222

27.1822, 30.5243,  
19.0276

103.4802, 39.2844,  
53.4543

19.2520, 28.8189,  
13.4764

116.8313, 40.1436,  
57.6406

12.2911, 27.0855,  
8.6038

130.7118, 40.9253,  
61.6991

5.4429, 34.3989,  
3.8100

145.1023, 41.6345,

0.0000, INF, NaN

65.6453

0.0000, NaN, NaN

159.9852, 42.2758,  
69.4924

0.0000, NaN, NaN

55.8553, 34.9470,  
35.0296

55.8553, 34.9470,  
35.0296

55.8560, 34.9447,  
35.0300

58.5235, 29.2764,  
35.7150

61.4328, 23.8541,  
35.6349

64.5803, 18.7948,  
34.6336

67.9517, 14.1488,  
32.7128

71.5314, 9.9376,  
29.9135

■ 75.3034, 6.1628,  
26.2961

■ 79.2526, 2.8126,  
21.9285

■ 83.3648, -0.1329,  
16.8798

■ 87.6268, -2.6985,  
11.2159

# Harmonies

## Analogous

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



55.8568, 68.5514, 26.6828



55.8553, 34.9470, 35.0296



55.8568, -3.1292, 36.7211

# Triad

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



55.8568, 34.9428, 35.0302



55.8568, -55.8825, 2.9015



55.8568, 35.2593, -86.4028

# Complementary

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



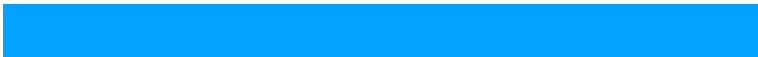
55.8553, 34.9470, 35.0296



43.6705, 12.5370, -81.6475

# 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.



55.8568, -2.8374, -107.4791



55.8553, 34.9470, 35.0296



55.8568, -50.3459, -39.9551

# Square

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



55.8568, 34.9428, 35.0302



55.8568, -50.4377, 26.5643



55.8568, -32.8922, -86.7218



55.8568, 68.7637, -39.5502



# Rectangle

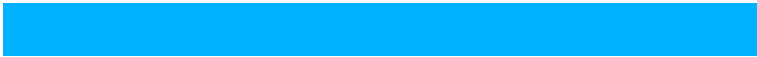
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.8553, 34.9470, 35.0296



55.8568, -24.4394, 36.0190



55.8568, -32.8922, -86.7218



55.8568, 22.2970, -97.6823

# Sweetspot

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



55.8568, 34.9428, 35.0302



86.0670, 3.0981, 23.8913



43.9597, 78.2840, 5.1294



38.9681, 2.1218, 12.0246

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



55.8568, 34.9428, 35.0302



60.5883, 38.2260, 38.0035



88.6410, -23.8082, 54.2032



40.3781, -1.2987, 5.0076



41.5892, 25.0811, 26.0662



12.4525, 5.2524, 7.7652



# Inverse Universe

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



43.6705, 12.5370, -81.6475



47.3157, 13.9022, -89.1513



24.7277, 67.0713, -175.6940



39.7340, -2.8194, -0.8164



32.6714, 8.4614, -59.1020



10.1516, 0.5134, -13.7969



# Previews

## White Background



This preview shows how the HunterLab color 55.8553, 34.9470, 35.0296 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 55.8553, 34.9470, 35.0296 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 55.8553, 34.9470, 35.0296 Background



This preview shows how black text looks on a background with the HunterLab color 55.8553, 34.9470, 35.0296.



This preview shows how white text looks on a background with the HunterLab color 55.8553, 34.9470,



# 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

55.8553, 34.9470, 35.0296

### Protanopia

56.1200, -8.1293, 33.6890

### Deuteranopia

55.8149, 3.7396, 34.4583



## Tritanopia

56.0158, 46.1027, 17.1824

# Trichromacy



## Original Color

55.8553, 34.9470, 35.0296

## Protanomaly

55.3904, 6.5221, 33.8379

## Deuteranomaly

55.4417, 14.6210, 34.4189

## Tritanomaly

55.7386, 40.8753, 27.9807

# Monochromacy



## Original Color

55.8553, 34.9470, 35.0296

## Achromatopsia

51.6097, -2.7538, 2.8041

## Achromatomaly

51.7140, 6.6221, 20.8919

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 55.8553, 34.9470, 35.0296 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(237, 119, 0)` looks like.

```
.text, #text, p{  
    color:rgb(237, 119, 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(237, 119, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 119, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 55.8553, 34.9470, 35.0296 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(237, 119, 0) }
```



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

```
.border{ border-color:rgb(237, 119, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 119, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 119, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 119, 0);  
box-shadow:4px 4px 4px 4px rgb(237, 119,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 55.8553, 34.9470, 35.0296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 119, 0) }
```

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

```
.background{ background-color: rgb(237,  
119, 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](#).

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