

Converting Colors

HunterLab(55.9469, 30.8725,
35.0147)

Have a look what the booklet for
HunterLab(55.9469, 30.8725,
35.0147) contains.

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Color

**HunterLab(55.9658, 30.7912,
35.0249)**

Conversions

Conversions Part 1

Format	Color
Hex	E87B00
RGB	232, 123, 0
RGB Percent	91%, 48%, 0%
CMY	0.0902, 0.5176, 1.0000
CMYK	0.00, 0.47, 1.00, 0.09
HSL	32°, 100%, 45%
HSV	32°, 100%, 91%
XYZ	40.3616, 31.3217, 3.9184
YIQ	141.5690, 104.4470, -15.1450

Conversions

Conversions Part 2

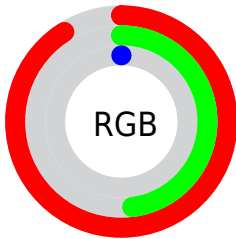
Format	Color
R _Y B	206, 232, 0
Decimal	15235840
CIE Lab	62.78, 36.25, 69.79
CIE LCh	63, 78.648, 62.550
Yxy	31.3234, 0.5339, 0.4143
Android (android.graphics.Color)	4293425920 (0xFFE87B00)
YUV	141.5690, -69.7935, 79.3080
Hunter-Lab	55.9658, 30.7912, 35.0249

Details

The HunterLab color **55.9658, 30.7912, 35.0249** 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 **40.9435, 15.6914, -85.0482**, and the grayscale version is **52.0794, -2.7788, 2.8296**.

A 20% lighter version of the original color is **72.9016, 14.6010, 40.4648**, and **36.1521, 28.9636, 22.7838** is the 20% darker color. If you saturate the color by 10%, you get **55.9663, 30.7893, 35.0252**, and if you desaturate by 10%, it is **58.5174, 25.5500, 35.6729**.

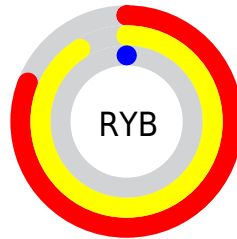
Distribution



Red (91%)

Green (48%)

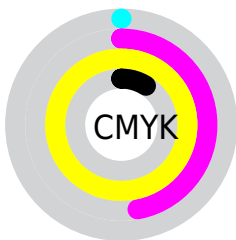
Blue (0%)



Red (81%)

Yellow (91%)

Blue (0%)

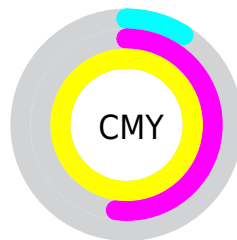


Cyan (0%)

Magenta (47%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.9658, 30.7912, 35.0249 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 55.9658, 30.7912, 35.0249 by changing the saturation by 10% instead.

55.9658, 30.7912,
35.0249

55.9658, 30.7912,
35.0249

175.5066, 37.3980,
73.0865

45.6566, 29.5963,
29.9065

78.5805, 32.8414,
44.5771

36.0707, 28.2830,
24.7938

90.8102, 33.7229,
49.0565

27.2692, 26.8395,
19.0884

103.6159, 34.5178,
53.3700

19.3295, 25.2690,
13.5306

116.9726, 35.2328,
57.5386

12.3578, 23.6183,
8.6505

130.8585, 35.8736,
61.5802

5.5473, 29.6819,
3.8831

145.2541, 36.4452,

0.0000, INF, NaN

65.5102

0.0000, NaN, NaN

160.1421, 36.9521,
69.3419

0.0000, NaN, NaN

55.9658, 30.7912,
35.0249

55.9658, 30.7912,
35.0249

55.9663, 30.7893,
35.0252

58.5174, 25.5500,
35.6729

61.2763, 20.5773,
35.5763

64.2428, 15.9729,
34.5776

67.4061, 11.7774,
32.6715

70.7539, 8.0073,
29.8903

■ 74.2735, 4.6620,
26.2862

■ 77.9526, 1.7299,
21.9204

■ 81.7791, -0.8079,
16.8563

■ 85.7423, -2.9742,
11.1560

Harmonies

Analogous

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



55.9673, 64.1883, 27.3871



55.9658, 30.7912, 35.0249



55.9673, -5.8945, 36.4706

Triad

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



55.9673, 30.7872, 35.0255



55.9673, -54.8264, 0.1816



55.9673, 37.1160, -79.8791

Complementary

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



55.9658, 30.7912, 35.0249



40.9435, 15.6914, -85.0482

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.



55.9673, -0.0235, -102.9161



55.9658, 30.7912, 35.0249



55.9673, -48.4519, -42.3344

Square

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



55.9673, 30.7872, 35.0255



55.9673, -50.3288, 24.9429



55.9673, -30.2714, -86.1701



55.9673, 68.4180, -34.2948

Rectangle

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



55.9658, 30.7912, 35.0249



55.9673, -26.1100, 35.5387



55.9673, -30.2714, -86.1701



55.9673, 24.6261, -91.4392

Sweetspot

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



55.9673, 30.7872, 35.0255



86.7113, 1.9742, 24.4856



42.8121, 76.0555, 6.4271



39.3045, 1.5293, 12.3244

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.9673, 30.7872, 35.0255



62.1636, 34.5899, 38.9105



86.1559, -24.6123, 52.6578



39.5307, -1.4174, 4.9791



42.0044, 22.2551, 26.2725



12.2045, 4.3555, 7.5966

Inverse Universe

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



40.9435, 15.6914, -85.0482



45.3932, 17.8579, -95.2875



24.1896, 65.5078, -171.0692



38.7274, -2.6072, -0.8983



30.9090, 10.8539, -62.0639



9.4374, 0.9489, -13.8444

Previews

White Background



This preview shows how the HunterLab color 55.9658, 30.7912, 35.0249 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 55.9658, 30.7912, 35.0249 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 55.9658, 30.7912, 35.0249 Background



This preview shows how black text looks on a background with the HunterLab color 55.9658, 30.7912, 35.0249.



This preview shows how white text looks on a background with the HunterLab color 55.9658, 30.7912,

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

55.9658, 30.7912, 35.0249

Protanopia

56.2140, -7.8066, 33.8523

Deuteranopia

56.2034, 3.6487, 34.6962



Tritanopia

55.9219, 42.9725, 15.6899

Trichromacy



Original Color

55.9658, 30.7912, 35.0249

Protanomaly

55.5355, 5.6259, 33.9478

Deuteranomaly

55.8182, 13.2136, 34.6262

Tritanomaly

55.6191, 37.4501, 27.2444

Monochromacy



Original Color

55.9658, 30.7912, 35.0249

Achromatopsia

52.0094, -2.7751, 2.8258

Achromatomaly

52.1345, 5.2778, 21.2170

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.9658, 30.7912, 35.0249 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(232, 123, 0)` looks like.

```
.text, #text, p{  
    color:rgb(232, 123, 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(232, 123, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 123, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 55.9658, 30.7912, 35.0249 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(232, 123, 0) }
```


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

```
.border{ border-color:rgb(232, 123, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 123, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 123, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 123, 0);  
box-shadow:4px 4px 4px 4px rgb(232, 123,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.9658, 30.7912, 35.0249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 123, 0) }
```

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

```
.background{ background-color: rgb(232,  
123, 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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