

Converting Colors

HunterLab(57.5242, 19.9494,
35.7954)

Have a look what the booklet for
HunterLab(57.5242, 19.9494,
35.7954) contains.

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Color

**HunterLab(57.5655, 19.9699,
35.8212)**

Conversions

Conversions Part 1

Format	Color
Hex	DE8800
RGB	222, 136, 0
RGB Percent	87%, 53%, 0%
CMY	0.1294, 0.4666, 1.0000
CMYK	0.00, 0.39, 1.00, 0.13
HSL	37°, 100%, 44%
HSV	37°, 100%, 87%
XYZ	38.9283, 33.1379, 4.3445
YIQ	146.2100, 94.9120, -24.0640

Conversions

Conversions Part 2

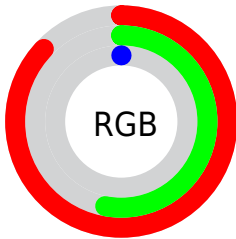
Format	Color
RYB	140, 222, 0
Decimal	14583808
CIELab	64.27, 25.31, 70.06
CIElCh	64, 74.490, 70.135
Yxy	33.1396, 0.5095, 0.4337
Android (android.graphics.Color)	4292773888 (0xFFDE8800)
YUV	146.2100, -72.0815, 66.4678
Hunter-Lab	57.5655, 19.9699, 35.8212

Details

The HunterLab color **57.5655, 19.9699, 35.8212** 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 **34.5399, 24.8927, -96.9070**, and the grayscale version is **53.9533, -2.8788, 2.9314**.

A 20% lighter version of the original color is **76.5211, 7.9696, 42.5411**, and **37.5888, 18.8662, 23.4923** is the 20% darker color. If you saturate the color by 10%, you get **57.5660, 19.9683, 35.8215**, and if you desaturate by 10%, it is **59.7652, 15.8821, 36.3415**.

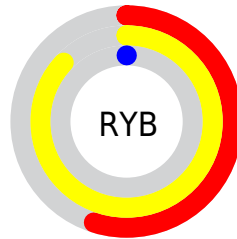
Distribution



Red (87%)

Green (53%)

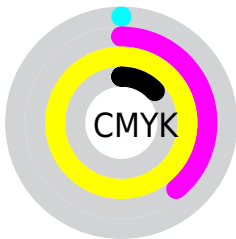
Blue (0%)



Red (55%)

Yellow (87%)

Blue (0%)

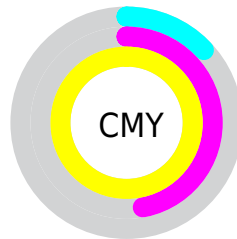


Cyan (0%)

Magenta (39%)

Yellow (100%)

Black (13%)



Cyan (13%)


Magenta (47%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 57.5655, 19.9699, 35.8212 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 57.5655, 19.9699, 35.8212 by changing the saturation by 10% instead.


 57.5655, 19.9699,
35.8212


 57.5655, 19.9699,
35.8212


177.8422, 22.8084,
73.8192


 47.1523, 19.2594,
30.7225


 80.3700, 21.0944,
45.3422


 37.4547, 18.4415,
25.5236


 92.6876, 21.5339,
49.8107

 28.5316, 17.4977,
19.9721


 105.5770, 21.9001,
54.1161

 20.4572, 16.4113,
14.3201

 119.0141, 22.1989,
58.2788

 13.3325, 15.1697,
9.3328

 132.9774, 22.4351,
62.3164

 6.8785, 16.2075,
4.8149

 147.4477, 22.6131,

0.0000, INF, NaN

66.2440

0.0000, NaN, NaN

162.4078, 22.7364,
70.0746

0.0000, NaN, NaN

57.5655, 19.9699,
35.8212

57.5655, 19.9699,
35.8212

57.5660, 19.9683,
35.8215

59.7652, 15.8821,
36.3415

62.1002, 12.0814,
36.1635

64.5772, 8.6433,
35.1242

67.1931, 5.5949,
33.1993

69.9425, 2.9464,
30.3989

■ 72.8192, 0.6968,
26.7535

■ 75.8168, -1.1628,
22.3056

■ 78.9284, -2.6469,
17.1035

■ 82.1477, -3.7730,
11.1981

Harmonies

Analogous

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



57.5670, 53.5241, 29.9454



57.5655, 19.9699, 35.8212



57.5670, -13.7592, 36.4339

Triad

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



57.5670, 19.9664, 35.8218



57.5670, -52.9396, -8.4568



57.5670, 43.4886, -64.2084

Complementary

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



57.5655, 19.9699, 35.8212



34.5399, 24.8927, -96.9070

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.



57.5670, 8.4507, -92.7579



57.5655, 19.9699, 35.8212



57.5670, -43.7984, -50.5155

Square

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



57.5670, 19.9664, 35.8218



57.5670, -51.1990, 20.0220



57.5670, -22.9796, -86.6875



57.5670, 69.0733, -21.2133

Rectangle

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



57.5655, 19.9699, 35.8212



57.5670, -31.4433, 34.6211



57.5670, -22.9796, -86.6875



57.5670, 32.1392, -76.6655

Sweetspot

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



57.5670, 19.9664, 35.8218



88.6245, -1.3141, 26.2325



40.3084, 70.8092, 12.2384



40.3052, -0.2035, 13.2067

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



57.5670, 19.9664, 35.8218



67.1645, 23.7572, 41.8024



80.3081, -29.6555, 48.9661



38.8476, -1.8046, 5.1232



44.6155, 14.8776, 27.7524



12.4575, 2.5083, 7.7202

Inverse Universe

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



34.5399, 24.8927, -96.9070



40.1275, 29.8245, -114.5384



23.3390, 62.5624, -160.0810



37.5628, -2.1275, -1.1795



26.9927, 18.2850, -73.2107



8.2163, 2.3891, -15.4270

Previews

White Background



This preview shows how the HunterLab color 57.5655, 19.9699, 35.8212 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 57.5655, 19.9699, 35.8212 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 57.5655, 19.9699, 35.8212 Background



This preview shows how black text looks on a background with the HunterLab color 57.5655, 19.9699, 35.8212.

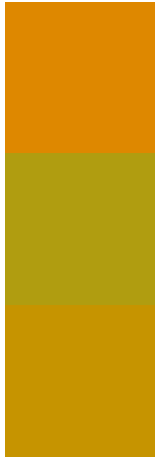


This preview shows how white text looks on a background with the HunterLab color 57.5655, 19.9699,

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

57.5655, 19.9699, 35.8212

Protanopia

57.7767, -8.2549, 34.9542

Deuteranopia

57.6069, 4.1637, 35.5700



Tritanopia

57.4719, 34.7882, 11.9935

Trichromacy



Original Color

57.5655, 19.9699, 35.8212

Protanomaly

57.3186, 1.8202, 35.0543

Deuteranomaly

57.6298, 9.7402, 35.6817

Tritanomaly

57.1497, 27.2787, 26.3385

Monochromacy



Original Color

57.5655, 19.9699, 35.8212

Achromatopsia

53.6135, -2.8607, 2.9129

Achromatomaly

53.9768, 1.7879, 21.9163

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.5655, 19.9699, 35.8212 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(222, 136, 0)` looks like.

```
.text, #text, p{  
    color:rgb(222, 136, 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(222, 136, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 136, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 57.5655, 19.9699, 35.8212 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(222, 136, 0) }
```


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

```
.border{ border-color:rgb(222, 136, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 136, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 136, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 136, 0);  
box-shadow:4px 4px 4px 4px rgb(222, 136,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.5655, 19.9699, 35.8212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 136, 0) }
```

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

```
.background{ background-color: rgb(222,  
136, 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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