

Converting Colors

HunterLab(57.3581, 16.2281,
35.6279)

Have a look what the booklet for
HunterLab(57.3581, 16.2281,
35.6279) contains.

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Color

**HunterLab(57.2502, 16.4443,
35.5652)**

Conversions

Conversions Part 1

Format	Color
Hex	D88A00
RGB	216, 138, 0
RGB Percent	85%, 54%, 0%
CMY	0.1529, 0.4588, 1.0000
CMYK	0.00, 0.36, 1.00, 0.15
HSL	38°, 100%, 42%
HSV	38°, 100%, 85%
XYZ	37.4074, 32.7759, 4.3548
YIQ	145.5900, 90.7860, -26.3820

Conversions

Conversions Part 2

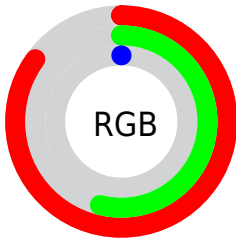
Format	Color
RYB	122, 216, 0
Decimal	14191104
CIELab	63.98, 21.68, 69.50
CIElCh	64, 72.800, 72.677
Yxy	32.7776, 0.5018, 0.4397
Android (android.graphics.Color)	4292381184 (0xFFD88A00)
YUV	145.5900, -71.7759, 61.7496
Hunter-Lab	57.2502, 16.4443, 35.5652

Details

The HunterLab color **57.2502, 16.4443, 35.5652** 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 **32.2602, 27.2022, -99.0429**, and the grayscale version is **53.7038, -2.8655, 2.9178**.

A 20% lighter version of the original color is **76.8046, 7.4549, 42.7244**, and **37.3470, 15.9290, 23.2919** is the 20% darker color. If you saturate the color by 10%, you get **57.2507, 16.4427, 35.5655**, and if you desaturate by 10%, it is **59.2901, 12.7795, 36.0185**.

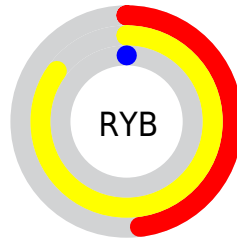
Distribution



Red (85%)

Green (54%)

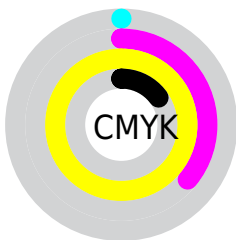
Blue (0%)



Red (48%)

Yellow (85%)

Blue (0%)

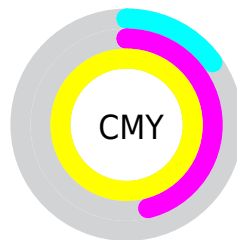


Cyan (0%)

Magenta (36%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (46%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.2502, 16.4443, 35.5652 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 57.2502, 16.4443, 35.5652 by changing the saturation by 10% instead.

57.2502, 16.4443,
35.5652

57.2502, 16.4443,
35.5652

177.3827, 18.0351,
73.3296

46.8573, 15.8974,
30.4944

80.0175, 17.2596,
45.0302

37.1815, 15.2488,
25.3213

92.3179, 17.5525,
49.4712

28.2822, 14.4799,
19.7975

105.1910, 17.7768,
53.7498

20.2341, 13.5715,
14.1639

118.6123, 17.9381,
57.8864

13.1392, 12.5031,
9.1974

132.5604, 18.0408,
61.8987

6.6382, 13.9964,
4.6467

147.0160, 18.0891,

0.0000, NaN, NaN

65.8017

0.0000, NaN, NaN

161.9620, 18.0862,
69.6083

0.0000, NaN, NaN

57.2502, 16.4443,
35.5652

57.2502, 16.4443,
35.5652

57.2507, 16.4427,
35.5655

59.2901, 12.7795,
36.0185

61.4459, 9.3934,
35.8022

63.7259, 6.3571,
34.7527

66.1283, 3.6952,
32.8411

68.6497, 1.4178,
30.0710

■ 71.2854, -0.4755,
26.4660

■ 74.0304, -1.9923,
22.0622

■ 76.8794, -3.1448,
16.9021

■ 79.8268, -3.9488,
11.0320

Harmonies

Analogous

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



57.2517, 49.5688, 30.2901



57.2502, 16.4443, 35.5652



57.2517, -15.9458, 35.8612

Triad

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



57.2517, 16.4409, 35.5657



57.2517, -51.5736, -11.2755



57.2517, 44.9103, -58.7831

Complementary

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



57.2502, 16.4443, 35.5652



32.2602, 27.2022, -99.0429

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.



57.2517, 11.0817, -88.4582



57.2502, 16.4443, 35.5652



57.2517, -41.6376, -52.4573

Square

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



57.2517, 16.4409, 35.5657



57.2517, -50.7551, 17.9498



57.2517, -20.2525, -85.6595



57.2517, 68.3241, -17.1968

Rectangle

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



57.2502, 16.4443, 35.5652



57.2517, -32.6369, 33.7363



57.2517, -20.2525, -85.6595



57.2517, 34.0967, -71.2937

Sweetspot

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



57.2517, 16.4409, 35.5657



89.2404, -2.3578, 26.7895



38.9443, 68.1490, 13.8686



40.6279, -0.7532, 13.4883

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



57.2517, 16.4409, 35.5657



68.8665, 20.2871, 42.7904



77.2667, -31.0314, 47.0679



37.0548, -1.8458, 4.9428



44.2852, 12.1728, 27.5014



11.5645, 1.6661, 7.1551

Inverse Universe

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



32.2602, 27.2022, -99.0429



38.5852, 33.7145, -121.0081



22.8396, 60.8175, -153.5064



35.6867, -1.8993, -1.1990



25.1924, 19.9829, -74.6257



7.3308, 2.3335, -14.2001

Previews

White Background



This preview shows how the HunterLab color 57.2502, 16.4443, 35.5652 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 57.2502, 16.4443, 35.5652 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 57.2502, 16.4443, 35.5652 Background



This preview shows how black text looks on a background with the HunterLab color 57.2502, 16.4443, 35.5652.



This preview shows how white text looks on a background with the HunterLab color 57.2502, 16.4443,

35.5652.

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

57.2502, 16.4443, 35.5652

Protanopia

57.3806, -8.1687, 34.7477

Deuteranopia

57.2169, 4.2548, 35.3313



Tritanopia

57.2738, 32.0110, 10.9611

Trichromacy



Original Color

57.2502, 16.4443, 35.5652

Protanomaly

56.9772, 0.6580, 34.8218

Deuteranomaly

57.2572, 8.5234, 35.4308

Tritanomaly

56.9410, 24.2664, 25.8982

Monochromacy



Original Color

57.2502, 16.4443, 35.5652

Achromatopsia

53.6135, -2.8607, 2.9129

Achromatomaly

53.9381, 0.2321, 21.8570

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.2502, 16.4443, 35.5652 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(216, 138, 0)` looks like.

```
.text, #text, p{  
    color:rgb(216, 138, 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(216, 138, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 138, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 57.2502, 16.4443, 35.5652 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(216, 138, 0) }
```


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

```
.border{ border-color:rgb(216, 138, 0) }
```

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

Here you see how a box with a 4 pixel rgb(216, 138, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 138, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 138, 0);  
box-shadow:4px 4px 4px 4px rgb(216, 138,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.2502, 16.4443, 35.5652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 138, 0) }
```

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

```
.background{ background-color: rgb(216,  
138, 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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