

Converting Colors

HunterLab(58.4788, 18.1040,
36.3513)

Have a look what the booklet for
HunterLab(58.4788, 18.1040,
36.3513) contains.

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Color

**HunterLab(58.5540, 17.9518,
36.3950)**

Conversions

Conversions Part 1

Format	Color
Hex	DE8C00
RGB	222, 140, 0
RGB Percent	87%, 55%, 0%
CMY	0.1294, 0.4510, 1.0000
CMYK	0.00, 0.37, 1.00, 0.13
HSL	38°, 100%, 44%
HSV	38°, 100%, 87%
XYZ	39.5022, 34.2857, 4.5358
YIQ	148.5580, 93.8120, -26.1560

Conversions

Conversions Part 2

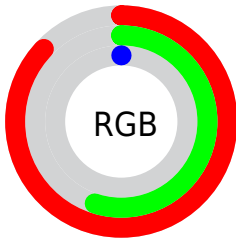
Format	Color
RYB	130, 222, 0
Decimal	14584832
CIELab	65.19, 23.18, 70.65
CIELCh	65, 74.354, 71.836
Yxy	34.2875, 0.5043, 0.4377
Android (android.graphics.Color)	4292774912 (0xFFDE8C00)
YUV	148.5580, -73.2391, 64.4086
Hunter-Lab	58.5540, 17.9518, 36.3950

Details

The HunterLab color **58.5540, 17.9518, 36.3950** 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 **33.6289, 27.1506, -100.6424**, and the grayscale version is **54.9045, -2.9296, 2.9831**.

A 20% lighter version of the original color is **77.6689, 5.9584, 43.1518**, and **38.4525, 16.9779, 23.9914** is the 20% darker color. If you saturate the color by 10%, you get **58.5545, 17.9502, 36.3953**, and if you desaturate by 10%, it is **60.6899, 14.0663, 36.8911**.

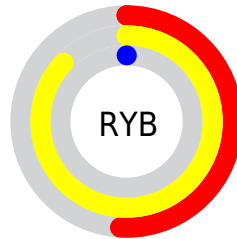
Distribution



Red (87%)

Green (55%)

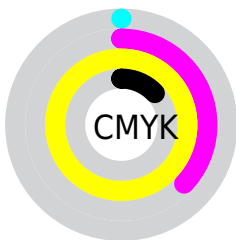
Blue (0%)



Red (51%)

Yellow (87%)

Blue (0%)

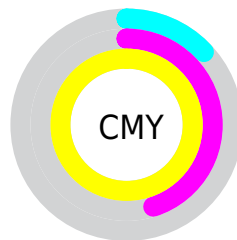


Cyan (0%)

Magenta (37%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.5540, 17.9518, 36.3950 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 58.5540, 17.9518, 36.3950 by changing the saturation by 10% instead.

■ 58.5540, 17.9518,
36.3950

■ 58.5540, 17.9518,
36.3950

179.2797, 19.9975,
74.5618

■ 48.0776, 17.3475,
31.2816

■ 81.4742, 18.8773,
45.9495

■ 38.3120, 16.6405,
26.0324

■ 93.8453, 19.2232,
50.4363

■ 29.3152, 15.8124,
20.5206

■ 106.7859, 19.4992,
54.7606

■ 21.1594, 14.8452,
14.8116

■ 120.2721, 19.7108,
58.9427

■ 13.9424, 13.7206,
9.7597

■ 134.2825, 19.8627,
63.0000

■ 7.5801, 13.6243,
5.3061

■ 148.7984, 19.9588,

0.0000, INF, NaN

66.9473

0.0000, NaN, NaN

163.8026, 20.0028,
70.7976

0.0000, NaN, NaN

58.5540, 17.9518,
36.3950

58.5540, 17.9518,
36.3950

58.5545, 17.9502,
36.3953

60.6899, 14.0663,
36.8911

62.9505, 10.4696,
36.6905

65.3438, 7.2350,
35.6284

67.8675, 4.3884,
33.6762

70.5174, 1.9404,
30.8395

■ 73.2884, -0.1097,
27.1446

■ 76.1748, -1.7700,
22.6303

■ 79.1708, -3.0538,
17.3421

■ 82.2705, -3.9778,
11.3290

Harmonies

Analogous

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



58.5555, 51.9130, 30.8117



58.5540, 17.9518, 36.3950



58.5555, -15.5580, 36.8049

Triad

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



58.5555, 17.9483, 36.3956



58.5555, -53.1087, -10.5631



58.5555, 45.3767, -61.7957

Complementary

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



58.5540, 17.9518, 36.3950



33.6289, 27.1506, -100.6424

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.



58.5555, 10.4351, -91.7288



58.5540, 17.9518, 36.3950



58.5555, -43.2316, -52.9062

Square

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



58.5555, 17.9483, 36.3956



58.5555, -51.9651, 19.0274



58.5555, -21.5885, -87.7932



58.5555, 70.0027, -18.8712

Rectangle

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



58.5540, 17.9518, 36.3950



58.5555, -32.9258, 34.7426



58.5555, -21.5885, -87.7932



58.5555, 34.1578, -74.5533

Sweetspot

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



58.5555, 17.9483, 36.3956



89.0465, -2.0301, 26.6145



40.2334, 70.5338, 13.3288



40.5263, -0.5806, 13.3998

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.5555, 17.9483, 36.3956



68.3263, 21.3776, 42.4766



79.9946, -30.8478, 48.7520



38.9024, -1.8961, 5.1819



45.3705, 13.3461, 28.1907



12.6343, 2.1721, 7.8232

Inverse Universe

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



33.6289, 27.1506, -100.6424



39.0621, 32.4900, -118.9607



23.4361, 62.6351, -159.2919



37.5078, -2.0362, -1.2475



26.2904, 19.9941, -76.0221



8.0397, 2.7479, -15.9807

Previews

White Background



This preview shows how the HunterLab color 58.5540, 17.9518, 36.3950 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 58.5540, 17.9518, 36.3950 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 58.5540, 17.9518, 36.3950 Background



This preview shows how black text looks on a background with the HunterLab color 58.5540, 17.9518, 36.3950.



This preview shows how white text looks on a background with the HunterLab color 58.5540, 17.9518,

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

58.5540, 17.9518, 36.3950

Protanopia

58.6663, -8.0948, 35.5128

Deuteranopia

58.7799, 3.8893, 36.2880



Tritanopia

58.6112, 33.5981, 11.6058

Trichromacy



Original Color

58.5540, 17.9518, 36.3950

Protanomaly

58.3785, 1.1511, 35.7011

Deuteranomaly

58.6709, 9.0676, 36.3115

Tritanomaly

58.2582, 25.7910, 26.7314

Monochromacy



Original Color

58.5540, 17.9518, 36.3950

Achromatopsia

54.8219, -2.9252, 2.9786

Achromatomaly

55.3300, 0.7585, 22.5060

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.5540, 17.9518, 36.3950 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, 140, 0)` looks like.

```
.text, #text, p{  
    color:rgb(222, 140, 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, 140, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 140, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 58.5540, 17.9518, 36.3950 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, 140, 0) }
```


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

```
.border{ border-color:rgb(222, 140, 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, 140, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 140, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 140, 0);  
box-shadow:4px 4px 4px 4px rgb(222, 140,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.5540, 17.9518, 36.3950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 140, 0) }
```

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

```
.background{ background-color: rgb(222,  
140, 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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