

Converting Colors

HunterLab(57.8912, 18.6551,
34.3704)

Have a look what the booklet for
HunterLab(57.8912, 18.6551,
34.3704) contains.

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Color

**HunterLab(57.8912, 18.6551,
34.3704)**

Conversions

Conversions Part 1

Format	Color
Hex	DC8A23
RGB	220, 138, 35
RGB Percent	86%, 54%, 14%
CMY	0.1373, 0.4588, 0.8627
CMYK	0.00, 0.37, 0.84, 0.14
HSL	33°, 73%, 50%
HSV	33°, 84%, 86%
XYZ	38.9070, 33.5139, 6.0083
YIQ	150.7760, 81.9350, -14.6490

Conversions

Conversions Part 2

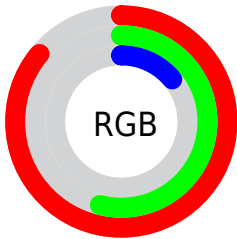
Format	Color
RYB	182, 220, 35
Decimal	14453283
CIELab	64.58, 23.94, 62.78
CIElCh	65, 67.190, 69.126
Yxy	33.5156, 0.4961, 0.4273
Android (android.graphics.Color)	4292643363 (0xFFDC8A23)
YUV	150.7760, -57.0776, 60.7094
Hunter-Lab	57.8912, 18.6551, 34.3704

Details

The HunterLab color **57.8912, 18.6551, 34.3704** 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 **42.7158, 8.7072, -67.5080**, and the grayscale version is **55.7407, -2.9742, 3.0285**.

A 20% lighter version of the original color is **77.2641, 7.8738, 40.3250**, and **37.8819, 17.5231, 23.6494** is the 20% darker color. If you saturate the color by 10%, you get **55.4524, 23.1554, 34.1676**, and if you desaturate by 10%, it is **60.5100, 14.4803, 33.7462**.

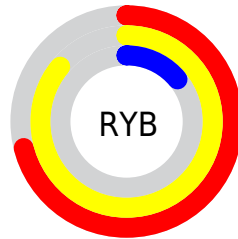
Distribution



Red (86%)

Green (54%)

Blue (14%)



Red (71%)

Yellow (86%)

Blue (14%)

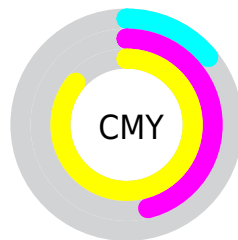


Cyan (0%)

Magenta (37%)

Yellow (84%)

Black (14%)



Cyan (14%)

Magenta (46%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.8912, 18.6551, 34.3704 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 57.8912, 18.6551, 34.3704 by changing the saturation by 10% instead.

57.8912, 18.6551,
34.3704

57.8912, 18.6551,
34.3704

178.3163, 21.0014,
68.8088

47.4571, 18.0099,
29.7448

80.7340, 19.6569,
42.9810

37.7370, 17.2598,
24.8695

93.0692, 20.0384,
47.0208

28.7894, 16.3863,
20.1526

105.9756, 20.3486,
50.9158

20.6881, 15.3717,
14.4817

119.4289, 20.5932,
54.6859

13.5329, 14.1998,
9.4730

133.4078, 20.7769,
58.3473

7.1177, 14.7902,
4.9824

147.8931, 20.9039,

0.0000, INF, NaN

61.9142

0.0000, NaN, NaN

162.8678, 20.9777,
65.3980

0.0000, NaN, NaN

■ 57.8912, 18.6551,
34.3704

■ 57.8912, 18.6551,
34.3704

■ 55.4524, 23.1554,
34.1676

■ 60.5100, 14.4803,
33.7462

■ 54.0886, 25.9158,
33.7829

■ 63.2978, 10.6845,
32.2615

■ 66.2475, 7.2840,
29.9293

■ 69.3495, 4.2823,
26.7862

■ 72.5939, 1.6720,
22.8815

■ 75.9712, -0.5614,
18.2703

■ 79.4721, -2.4370,
13.0087

■ 83.0883, -3.9763,
7.1513

■ 86.8116, -5.2015,
0.7495

Harmonies

Analogous

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



57.8927, 48.0980, 27.9887



57.8912, 18.6551, 34.3704



57.8927, -11.8585, 35.1943

Triad

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



57.8927, 18.6517, 34.3710



57.8927, -49.3086, -6.1258



57.8927, 37.4487, -56.6724

Complementary

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



57.8912, 18.6551, 34.3704



42.7158, 8.7072, -67.5080

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.



57.8927, 6.2291, -80.0245



57.8912, 18.6551, 34.3704



57.8927, -41.0090, -42.5723

Square

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



57.8927, 18.6517, 34.3710



57.8927, -47.3070, 19.3346



57.8927, -22.0357, -73.8612



57.8927, 60.3781, -19.6915

Rectangle

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



57.8912, 18.6551, 34.3704



57.8927, -28.3070, 33.3262



57.8927, -22.0357, -73.8612



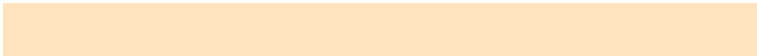
57.8927, 27.3479, -67.0497

Sweetspot

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



57.8927, 18.6517, 34.3710



89.3484, -0.3899, 22.2454



42.1091, 67.8958, 2.8930



40.6771, 0.2372, 11.2130

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



57.8927, 18.6517, 34.3710



63.7182, 31.1124, 39.8075



80.6965, -24.6720, 48.1244



37.7464, -1.4860, 4.8152



41.7082, 19.2607, 26.0376



11.3922, 3.2825, 7.0773

Inverse Universe

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



42.7158, 8.7072, -67.5080



43.6287, 21.6673, -101.3056



26.2881, 52.9210, -135.5868



36.8271, -2.3514, -0.9378



28.8443, 12.8005, -63.6854



8.4202, 1.1097, -12.9199

Previews

White Background



This preview shows how the HunterLab color 57.8912, 18.6551, 34.3704 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 57.8912, 18.6551, 34.3704 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 57.8912, 18.6551, 34.3704 Background



This preview shows how black text looks on a background with the HunterLab color 57.8912, 18.6551, 34.3704.



This preview shows how white text looks on a background with the HunterLab color 57.8912, 18.6551,

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

57.8912, 18.6551, 34.3704

Protanopia

57.8768, -7.6979, 33.4722

Deuteranopia

57.9563, 4.0875, 34.5948



Tritanopia

57.9164, 32.6809, 11.6449

Trichromacy



Original Color

57.8912, 18.6551, 34.3704

Protanomaly

57.5839, 1.5050, 33.6213

Deuteranomaly

57.8546, 9.2902, 34.4839

Tritanomaly

57.5587, 26.5187, 23.2494

Monochromacy



Original Color

57.8912, 18.6551, 34.3704

Achromatopsia

55.6299, -2.9683, 3.0225

Achromatomaly

55.5806, 2.1113, 18.8519

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.8912, 18.6551, 34.3704 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(220, 138, 35)` looks like.

```
.text, #text, p{  
    color:rgb(220, 138, 35)  
}
```

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(220, 138, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 138, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 57.8912, 18.6551, 34.3704 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(220, 138, 35) }
```


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

```
.border{ border-color:rgb(220, 138, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 138, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 138, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 138, 35);  
box-shadow:4px 4px 4px 4px rgb(220, 138,  
35) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.8912, 18.6551, 34.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 138, 35) }
```

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

```
.background{ background-color: rgb(220,  
138, 35) }
```

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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