

Converting Colors

HunterLab(57.7217, 18.7997,
34.7029)

Have a look what the booklet for
HunterLab(57.7217, 18.7997,
34.7029) contains.

HunterLab(57.6157, 19.0158, 34.6392)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(57.6157, 19.0158,
34.6392)**

Conversions

Conversions Part 1

Format	Color
Hex	DC891D
RGB	220, 137, 29
RGB Percent	86%, 54%, 11%
CMY	0.1373, 0.4627, 0.8863
CMYK	0.00, 0.38, 0.87, 0.14
HSL	34°, 77%, 49%
HSV	34°, 87%, 86%
XYZ	38.6827, 33.1957, 5.5311
YIQ	149.5050, 84.1360, -15.9920

Conversions

Conversions Part 2

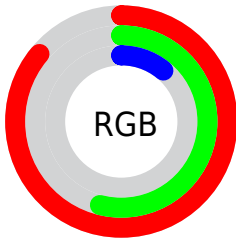
Format	Color
R_{YB}	176, 220, 29
Decimal	14453021
CIE _{Lab}	64.32, 24.33, 64.41
CIE _{LCh}	64, 68.852, 69.308
Yxy	33.1974, 0.4997, 0.4288
Android (android.graphics.Color)	4292643101 (0xFFDC891D)
YUV	149.5050, -59.4090, 61.8241
Hunter-Lab	57.6157, 19.0158, 34.6392

Details

The HunterLab color **57.6157, 19.0158, 34.6392** 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 **41.2511, 10.9742, -71.7078**, and the grayscale version is **55.2354, -2.9472, 3.0010**.

A 20% lighter version of the original color is **76.9373, 8.1613, 40.7666**, and **37.6661, 17.9947, 23.5247** is the 20% darker color. If you saturate the color by 10%, you get **55.2497, 23.5001, 34.2401**, and if you desaturate by 10%, it is **60.1559, 14.8401, 34.2401**.

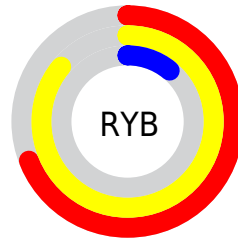
Distribution



Red (86%)

Green (54%)

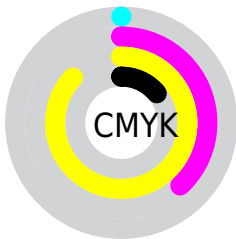
Blue (11%)



Red (69%)

Yellow (86%)

Blue (11%)

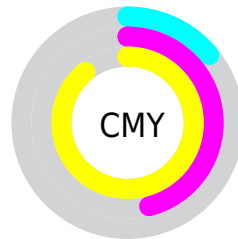


Cyan (0%)

Magenta (38%)

Yellow (87%)

Black (14%)



Cyan (14%)

Magenta (46%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.6157, 19.0158, 34.6392 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 57.6157, 19.0158, 34.6392 by changing the saturation by 10% instead.

■ 57.6157, 19.0158,
34.6392

■ 57.6157, 19.0158,
34.6392

■ 177.9153, 21.5117,
69.8967

■ 47.1993, 18.3503,
29.9012

■ 80.4261, 20.0553,
43.4627

■ 37.4981, 17.5790,
24.9217

■ 92.7464, 20.4545,
47.6016

■ 28.5713, 16.6833,
19.9999

■ 105.6385, 20.7818,
51.5911

■ 20.4928, 15.6456,
14.3449

■ 119.0781, 21.0428,
55.4511

■ 13.3634, 14.4509,
9.3544

■ 133.0437, 21.2424,
59.1985

■ 6.9159, 15.4078,
4.8411

■ 147.5163, 21.3848,

0.0000, NaN, NaN

62.8475

0.0000, NaN, NaN

162.4787, 21.4735,
66.4102

0.0000, NaN, NaN

■ 57.6157, 19.0158,
34.6392

■ 57.6157, 19.0158,
34.6392

■ 55.2497, 23.5001,
34.2401

■ 60.1559, 14.8401,
34.2401

■ 54.5270, 24.9587,
34.0362

■ 62.8616, 11.0356,
32.9821

■ 65.7268, 7.6229,
30.8666

■ 68.7426, 4.6091,
27.9227

■ 71.9000, 1.9893,
24.1954

■ 75.1897, -0.2491,
19.7372

■ 78.6030, -2.1239,
14.6032

■ 82.1315, -3.6555,
8.8480

■ 85.7674, -4.8659,
2.5238

Harmonies

Analogous

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



57.6172, 49.3491, 28.3744



57.6157, 19.0158, 34.6392



57.6172, -12.2100, 35.4165

Triad

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



57.6172, 19.0123, 34.6398



57.6172, -50.0745, -6.5777



57.6172, 38.7182, -58.4228

Complementary

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



57.6157, 19.0158, 34.6392



41.2511, 10.9742, -71.7078

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.



57.6172, 6.6620, -82.8676



57.6157, 19.0158, 34.6392



57.6172, -41.6159, -44.2406

Square

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



57.6172, 19.0123, 34.6398



57.6172, -48.1155, 19.4975



57.6172, -22.2709, -76.6462



57.6172, 62.2615, -20.1129

Rectangle

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



57.6157, 19.0158, 34.6392



57.6172, -28.9367, 33.5714



57.6172, -22.2709, -76.6462



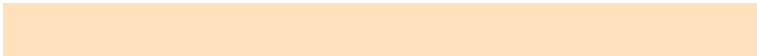
57.6172, 28.3402, -69.2471

Sweetspot

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



57.6172, 19.0123, 34.6398



89.1165, -0.4393, 22.9882



41.6308, 68.8382, 3.7783



40.5917, 0.1970, 11.5383

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



57.6172, 19.0123, 34.6398



64.2382, 29.9724, 40.1080



80.6489, -24.8902, 48.4049



37.7720, -1.5290, 4.8427



42.0417, 18.5382, 26.2304



11.4687, 3.1297, 7.1218

Inverse Universe

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



41.2511, 10.9742, -71.7078



43.0657, 22.9226, -103.3117



25.4342, 54.9904, -141.2038



36.8012, -2.3086, -0.9695



28.4818, 13.5890, -64.9345



8.3357, 1.2664, -13.1528

Previews

White Background



This preview shows how the HunterLab color 57.6157, 19.0158, 34.6392 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 57.6157, 19.0158, 34.6392 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 57.6157, 19.0158, 34.6392 Background



This preview shows how black text looks on a background with the HunterLab color 57.6157, 19.0158, 34.6392.



This preview shows how white text looks on a background with the HunterLab color 57.6157, 19.0158,

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

57.6157, 19.0158, 34.6392

Protanopia

57.8442, -7.8791, 33.9542

Deuteranopia

57.6539, 4.4150, 34.8738



Tritanopia

57.6646, 33.0779, 11.7777

Trichromacy



Original Color

57.6157, 19.0158, 34.6392

Protanomaly

57.5530, 1.3377, 34.0795

Deuteranomaly

57.5624, 9.6352, 34.7483

Tritanomaly

57.2734, 26.7815, 23.7983

Monochromacy



Original Color

57.6157, 19.0158, 34.6392

Achromatopsia

55.2257, -2.9467, 3.0005

Achromatomaly

55.1411, 1.9324, 19.3498

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.6157, 19.0158, 34.6392 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, 137, 29)` looks like.

```
.text, #text, p{  
    color:rgb(220, 137, 29)  
}
```

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, 137, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 137, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 57.6157, 19.0158, 34.6392 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, 137, 29) }
```


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

```
.border{ border-color:rgb(220, 137, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 137, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 137, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 137, 29);  
box-shadow:4px 4px 4px 4px rgb(220, 137,  
29) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.6157, 19.0158, 34.6392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 137, 29) }
```

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

```
.background{ background-color: rgb(220,  
137, 29) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor