

Converting Colors

HunterLab(58.1566, 33.3264,
26.8621)

Have a look what the booklet for
HunterLab(58.1566, 33.3264,
26.8621) contains.

HunterLab(58.0800, 33.5399, 26.7277)	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(58.0800, 33.5399,
26.7277)**

Conversions

Conversions Part 1

Format	Color
Hex	EC7F59
RGB	236, 127, 89
RGB Percent	93%, 50%, 35%
CMY	0.0745, 0.5019, 0.6510
CMYK	0.00, 0.46, 0.62, 0.07
HSL	16°, 79%, 64%
HSV	16°, 62%, 93%
XYZ	43.9846, 33.7329, 13.6440
YIQ	155.2590, 77.1620, 11.2900

Conversions

Conversions Part 2

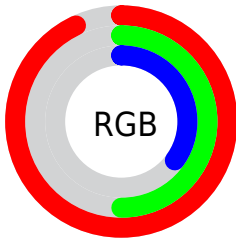
Format	Color
R _Y B	236, 140, 89
Decimal	15499097
CIE Lab	64.75, 38.68, 39.14
CIE LCh	65, 55.030, 45.340
Yxy	33.7346, 0.4814, 0.3692
Android (android.graphics.Color)	4293689177 (0xFFEC7F59)
YUV	155.2590, -32.6657, 70.8099
Hunter-Lab	58.0800, 33.5399, 26.7277

Details

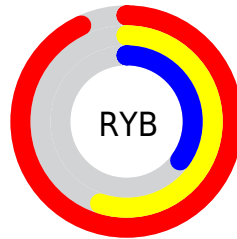
The HunterLab color **58.0800, 33.5399, 26.7277** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **69.6888, -20.9014, -24.9391**, and the grayscale version is **57.4650, -3.0662, 3.1222**.

A 20% lighter version of the original color is **74.9675, 17.6156, 26.8806**, and **37.8329, 31.0479, 20.4232** is the 20% darker color. If you saturate the color by 10%, you get **54.0974, 40.8799, 28.5021**, and if you desaturate by 10%, it is **62.5428, 26.4029, 24.3019**.

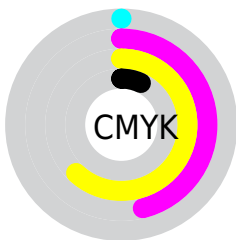
Distribution



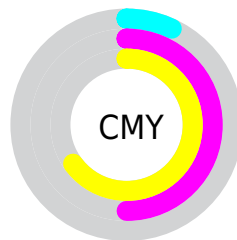
- Red (93%)
- Green (50%)
- Blue (35%)



- Red (93%)
- Yellow (55%)
- Blue (35%)



- Cyan (0%)
- Magenta (46%)
- Yellow (62%)
- Black (7%)



- Cyan (7%)
- Magenta (50%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.0800, 33.5399, 26.7277 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 58.0800, 33.5399, 26.7277 by changing the saturation by 10% instead.

58.0800, 33.5399,
26.7277

58.0800, 33.5399,
26.7277

178.5909, 40.7877,
49.8649

47.6338, 32.2719,
23.7121

80.9449, 35.7378,
32.3688

37.9007, 30.8870,
20.5196

93.2904, 36.6926,
35.0412

28.9391, 29.3753,
17.1037

106.2065, 37.5600,
37.6382

20.8222, 27.7422,
13.8724

119.6692, 38.3466,
40.1728

13.6493, 26.0357,
9.5545

133.6571, 39.0579,
42.6552

7.2526, 26.6703,
5.0769

148.1511, 39.6991,

0.0000, INF, NaN

45.0937

0.0000, NaN, NaN

163.1342, 40.2744,
47.4950

0.0000, NaN, NaN

■ 58.0800, 33.5399,
26.7277

■ 58.0800, 33.5399,
26.7277

■ 54.0974, 40.8799,
28.5021

■ 62.5428, 26.4029,
24.3019

■ 50.6504, 48.2199,
29.5123

■ 67.4226, 19.6030,
21.3397

■ 47.7947, 55.2380,
29.6972

■ 72.6675, 13.1915,
17.9474

■ 46.0131, 60.1475,
29.4060

■ 78.2311, 7.1788,
14.2122

■ 84.0736, 1.5493,
10.2024

■ 90.1616, -3.7262,
5.9708

■ 96.4672, -8.6822,
1.5571

■ 98.2714, -11.4021,
3.2752

Harmonies

Analogous

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



58.0815, 49.1926, 13.7367



58.0800, 33.5399, 26.7277



58.0815, 9.2058, 31.8237

Triad

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



58.0815, 33.5361, 26.7285



58.0815, -41.7556, 13.3256



58.0815, 9.7870, -58.1356

Complementary

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



58.0800, 33.5399, 26.7277



69.6888, -20.9014, -24.9391

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.



58.0815, -14.4637, -58.3966



58.0800, 33.5399, 26.7277



58.0815, -41.6524, -9.8735

Square

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



58.0815, 33.5361, 26.7285



58.0815, -32.7486, 26.5346



58.0815, -32.4388, -38.1877



58.0815, 34.0214, -37.5763

Rectangle

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



58.0800, 33.5399, 26.7277



58.0815, -7.3885, 32.2936



58.0815, -32.4388, -38.1877



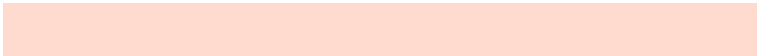
58.0815, 1.3122, -60.8131

Sweetspot

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



58.0815, 33.5361, 26.7285



87.4334, 5.8224, 14.1431



53.9564, 66.0328, -25.1376



39.6153, 3.5280, 7.1134

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.0815, 33.5361, 26.7285



57.8633, 47.0760, 31.5473



77.1466, -3.4081, 40.2139



39.6070, 0.0114, 4.1689



34.4204, 43.8795, 21.9779



10.4010, 10.1538, 6.5868

Inverse Universe

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



69.6888, -20.9014, -24.9391



72.2699, -22.4595, -33.4768



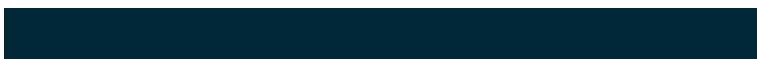
47.9980, 15.2582, -68.1825



40.5269, -4.1109, 0.1437



45.2271, -12.4318, -29.6933



13.2661, -4.3215, -7.2526

Previews

White Background



This preview shows how the HunterLab color 58.0800, 33.5399, 26.7277 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 58.0800, 33.5399, 26.7277 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 58.0800, 33.5399, 26.7277 Background



This preview shows how black text looks on a background with the HunterLab color 58.0800, 33.5399, 26.7277.



This preview shows how white text looks on a background with the HunterLab color 58.0800, 33.5399,

26.7277.

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

58.0800, 33.5399, 26.7277

Protanopia

58.4333, -5.9098, 23.6695

Deuteranopia

58.1294, 4.2106, 27.3378



Tritanopia

58.2078, 40.9951, 15.0733

Trichromacy



Original Color

58.0800, 33.5399, 26.7277

Protanomaly

57.7183, 7.3909, 24.3275

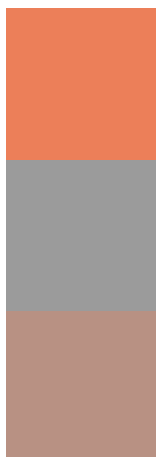
Deuteranomaly

57.9424, 14.5786, 26.9502

Tritanomaly

58.1638, 38.0397, 19.9725

Monochromacy



Original Color

58.0800, 33.5399, 26.7277

Achromatopsia

57.2519, -3.0548, 3.1106

Achromatomaly

56.6391, 8.0001, 12.5630

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.0800, 33.5399, 26.7277 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(236, 127, 89)` looks like.

```
.text, #text, p{  
    color:rgb(236, 127, 89)  
}
```

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(236, 127, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 127, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 58.0800, 33.5399, 26.7277 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(236, 127, 89) }
```


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

```
.border{ border-color:rgb(236, 127, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 127, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 127, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 127, 89);  
box-shadow:4px 4px 4px 4px rgb(236, 127,  
89) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.0800, 33.5399, 26.7277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 127, 89) }
```

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

```
.background{ background-color: rgb(236,  
127, 89) }
```

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