

Converting Colors

HunterLab(59.0988, 30.0080,
29.0975)

Have a look what the booklet for
HunterLab(59.0988, 30.0080,
29.0975) contains.

HunterLab(58.9566, 30.0349, 29.0260)	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(58.9566, 30.0349,
29.0260)**

Conversions

Conversions Part 1

Format	Color
Hex	EB8451
RGB	235, 132, 81
RGB Percent	92%, 52%, 32%
CMY	0.0784, 0.4823, 0.6823
CMYK	0.00, 0.44, 0.66, 0.08
HSL	20°, 79%, 62%
HSV	20°, 66%, 92%
XYZ	43.9975, 34.7588, 12.1748
YIQ	156.9830, 77.7590, 5.9750

Conversions

Conversions Part 2

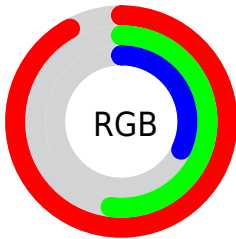
Format	Color
R _Y B	235, 157, 81
Decimal	15434833
CIE Lab	65.56, 35.22, 44.27
CIE LCh	66, 56.574, 51.491
Yxy	34.7606, 0.4838, 0.3823
Android (android.graphics.Color)	4293624913 (0xFFEB8451)
YUV	156.9830, -37.4596, 68.4209
Hunter-Lab	58.9566, 30.0349, 29.0260

Details

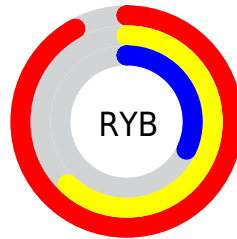
The HunterLab color **58.9566, 30.0349, 29.0260** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **64.8275, -15.6230, -32.2104**, and the grayscale version is **58.1857, -3.1046, 3.1613**.

A 20% lighter version of the original color is **76.1865, 14.1938, 30.2058**, and **38.7212, 27.5355, 22.1387** is the 20% darker color. If you saturate the color by 10%, you get **55.2453, 36.7333, 30.4599**, and if you desaturate by 10%, it is **63.0595, 23.6257, 26.8308**.

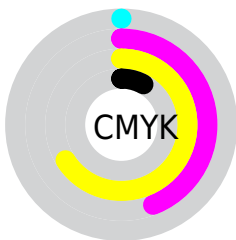
Distribution



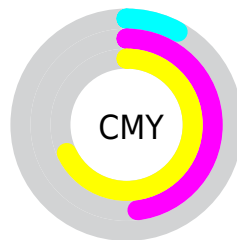
- Red (92%)
- Green (52%)
- Blue (32%)



- Red (92%)
- Yellow (62%)
- Blue (32%)



- Cyan (0%)
- Magenta (44%)
- Yellow (66%)
- Black (8%)



- Cyan (8%)
- Magenta (48%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.9566, 30.0349, 29.0260 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 58.9566, 30.0349, 29.0260 by changing the saturation by 10% instead.

58.9566, 30.0349,
29.0260

58.9566, 30.0349,
29.0260

179.8640, 36.1104,
54.5111

48.4547, 28.9141,
25.6720

81.9236, 31.9479,
35.2850

38.6617, 27.6778,
22.1196

94.3163, 32.7657,
38.2409

29.6351, 26.3125,
18.3239

107.2776, 33.4998,
41.1070

21.4465, 24.8145,
15.0125

120.7836, 34.1566,
43.8978

14.1924, 23.2065,
9.9347

134.8132, 34.7415,
46.6249

7.8469, 22.6818,
5.4928

149.3475, 35.2594,

0.0000, INF, NaN

49.2978

0.0000, NaN, NaN

164.3695, 35.7145,
51.9244

0.0000, NaN, NaN

■ 58.9566, 30.0349,
29.0260

■ 58.9566, 30.0349,
29.0260

■ 55.2453, 36.7333,
30.4599

■ 63.0595, 23.6257,
26.8308

■ 51.9639, 43.5877,
31.0561

■ 67.5067, 17.5960,
23.9686

■ 49.1525, 50.3685,
30.8054

■ 72.2605, 11.9733,
20.5378

■ 48.0492, 53.2677,
30.5403

■ 77.2857, 6.7579,
16.6270

■ 82.5515, 1.9310,
12.3119

■ 88.0316, -2.5357,
7.6553

■ 93.7034, -6.6745,
2.7084

■ 98.1846, -11.7099,
3.1658

Harmonies

Analogous

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



58.9581, 48.8472, 17.6801



58.9566, 30.0349, 29.0260



58.9581, 4.1675, 32.9618

Triad

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



58.9581, 30.0311, 29.0268



58.9581, -43.7099, 9.6095



58.9581, 15.6060, -57.5305

Complementary

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



58.9566, 30.0349, 29.0260



64.8275, -15.6230, -32.2104

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.



58.9581, -10.1252, -62.6954



58.9566, 30.0349, 29.0260



58.9581, -41.6894, -16.2225

Square

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



58.9581, 30.0311, 29.0268



58.9581, -36.3779, 25.2449



58.9581, -30.3040, -45.2406



58.9581, 39.5966, -33.1553

Rectangle

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



58.9566, 30.0349, 29.0260



58.9581, -12.4641, 32.8104



58.9581, -30.3040, -45.2406



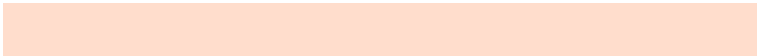
58.9581, 6.7829, -61.8862

Sweetspot

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



58.9581, 30.0311, 29.0268



87.9064, 4.4811, 15.7158



52.0599, 66.9299, -19.8036



39.9179, 2.7699, 7.8844

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.9581, 30.0311, 29.0268



59.1782, 43.1654, 33.7797



79.2268, -7.9660, 42.8538



39.8360, -0.3802, 4.4194



36.1357, 38.9248, 22.9481



10.9361, 8.7617, 6.8922

Inverse Universe

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



64.8275, -15.6230, -32.2104



66.3907, -15.1182, -43.8443



43.2838, 22.7432, -80.5922



40.2894, -3.7265, -0.1419



41.2717, -6.5147, -37.5227



12.2989, -2.9375, -9.0315

Previews

White Background



This preview shows how the HunterLab color 58.9566, 30.0349, 29.0260 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 58.9566, 30.0349, 29.0260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

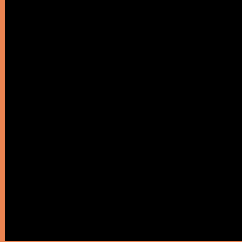
Any Text WCAG AA ✓ Pass

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 58.9566, 30.0349, 29.0260 Background



This preview shows how black text looks on a background with the HunterLab color 58.9566, 30.0349, 29.0260.



This preview shows how white text looks on a background with the HunterLab color 58.9566, 30.0349,

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

58.9566, 30.0349, 29.0260

Protanopia

59.1555, -6.6751, 26.6396

Deuteranopia

59.0446, 4.2769, 29.4075



Tritanopia

59.0323, 39.0946, 14.0381

Trichromacy



Original Color

58.9566, 30.0349, 29.0260

Protanomaly

58.6269, 5.9536, 27.1110

Deuteranomaly

58.8640, 13.3250, 29.2451

Tritanomaly

58.8903, 35.5788, 20.5811

Monochromacy



Original Color

58.9566, 30.0349, 29.0260

Achromatopsia

58.0658, -3.0982, 3.1548

Achromatomaly

57.5144, 6.6090, 14.1458

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.9566, 30.0349, 29.0260 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(235, 132, 81)` looks like.

```
.text, #text, p{  
    color:rgb(235, 132, 81)  
}
```

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(235, 132, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 132, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 58.9566, 30.0349, 29.0260 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(235, 132, 81) }
```


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

```
.border{ border-color:rgb(235, 132, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 132, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 132, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 132, 81);  
box-shadow:4px 4px 4px 4px rgb(235, 132,  
81) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.9566, 30.0349, 29.0260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 132, 81) }
```

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

```
.background{ background-color: rgb(235,  
132, 81) }
```

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