

Converting Colors

HunterLab(58.6935, 41.2965,
28.0507)

Have a look what the booklet for
HunterLab(58.6935, 41.2965,
28.0507) contains.

HunterLab(58.5688, 41.4426, 27.9029)	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(58.5688, 41.4426,
27.9029)**

Conversions

Conversions Part 1

Format	Color
Hex	F87956
RGB	248, 121, 86
RGB Percent	97%, 47%, 34%
CMY	0.0275, 0.5255, 0.6627
CMYK	0.00, 0.51, 0.65, 0.03
HSL	13°, 92%, 65%
HSV	13°, 65%, 97%
XYZ	47.2284, 34.3030, 12.9360
YIQ	154.9830, 86.9270, 16.0390

Conversions

Conversions Part 2

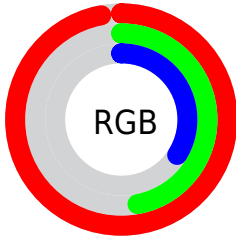
Format	Color
R _Y B	248, 131, 86
Decimal	16283990
CIE Lab	65.20, 46.01, 41.68
CIE LCh	65, 62.087, 42.175
Yxy	34.3049, 0.4999, 0.3631
Android (android.graphics.Color)	4294474070 (0xFFFF87956)
YUV	154.9830, -34.0086, 81.5759
Hunter-Lab	58.5688, 41.4426, 27.9029

Details

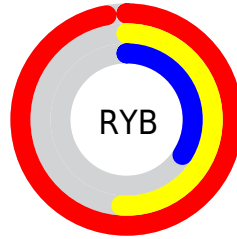
The HunterLab color **58.5688, 41.4426, 27.9029** is a light color, and the websafe version is hex **CC6633**. The color can be described as light muted orange. A complement of this color would be **75.0603, -25.3560, -24.3402**, and the grayscale version is **57.3554, -3.0603, 3.1162**.

A 20% lighter version of the original color is **73.5641, 19.9576, 26.6046**, and **38.3664, 38.3916, 21.3471** is the 20% darker color. If you saturate the color by 10%, you get **54.5099, 49.5686, 29.6236**, and if you desaturate by 10%, it is **63.2355, 33.3373, 25.5022**.

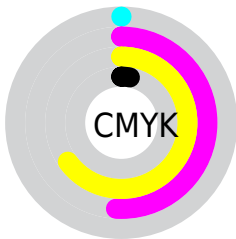
Distribution



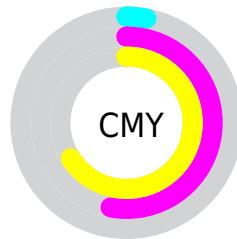
- Red (97%)
- Green (47%)
- Blue (34%)



- Red (97%)
- Yellow (51%)
- Blue (34%)



- Cyan (0%)
- Magenta (51%)
- Yellow (65%)
- Black (3%)



- Cyan (3%)
- Magenta (53%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.5688, 41.4426, 27.9029 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 58.5688, 41.4426, 27.9029 by changing the saturation by 10% instead.

58.5688, 41.4426,
27.9029

58.5688, 41.4426,
27.9029

179.3013, 50.9480,
52.1994

48.0915, 39.9049,
24.7201

81.4908, 44.1743,
33.8493

38.3249, 38.2547,
21.3494

93.8627, 45.3903,
36.6616

29.3270, 36.4914,
17.7448

106.8041, 46.5141,
39.3914

21.1700, 34.6417,
14.4724

120.2910, 47.5519,
42.0525

13.9517, 32.8063,
9.7662

134.3021, 48.5095,
44.6556

7.5901, 33.1112,
5.3131

148.8186, 49.3917,

0.0000, INF, NaN

47.2098

0.0000, NaN, NaN

163.8235, 50.2032,
49.7224

0.0000, NaN, NaN

■ 58.5688, 41.4426,
27.9029

■ 58.5688, 41.4426,
27.9029

■ 54.5099, 49.5686,
29.6236

■ 63.2355, 33.3373,
25.5022

■ 51.1271, 57.3805,
30.5358

■ 68.4295, 25.4871,
22.5591


■ 48.4790, 64.4125,
30.5903


■ 74.0819, 18.0055,
19.1996

■ 47.4940, 67.2632,
30.4431

■ 80.1306, 10.9374,
15.5240

■ 86.5230, 4.2830,
11.6081

 93.2148, -1.9820,
7.5075

 99.3460, -7.6181,
4.6210

Harmonies

Analogous

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



58.5704, 58.0429, 12.8355



58.5688, 41.4426, 27.9029



58.5704, 13.9538, 33.7044

Triad

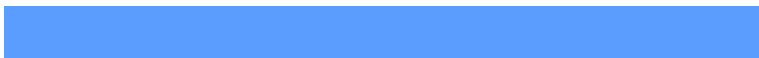
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.5704, 41.4384, 27.9038



58.5704, -45.4470, 16.5909



58.5704, 8.4461, -70.3785

Complementary

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



58.5688, 41.4426, 27.9029



75.0603, -25.3560, -24.3402

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.



58.5704, -18.4525, -67.7619



58.5688, 41.4426, 27.9029



58.5704, -46.3739, -8.4435

Square

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



58.5704, 41.4384, 27.9038



58.5704, -34.5710, 29.5581



58.5704, -37.3915, -41.6384



58.5704, 36.7708, -47.6854

Rectangle

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



58.5688, 41.4426, 27.9029



58.5704, -5.1215, 34.4701



58.5704, -37.3915, -41.6384



58.5704, -1.1081, -72.6441

Sweetspot

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



58.5704, 41.4384, 27.9038



86.1575, 7.6019, 13.9107



56.1687, 74.5266, -32.3741



39.0057, 4.4174, 6.9592

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.5704, 41.4384, 27.9038



55.2137, 53.4655, 30.9271



78.5234, 1.0369, 41.7561



42.2293, 0.2756, 4.3170



35.1440, 48.7003, 22.5081



11.3670, 12.8275, 7.2289

Inverse Universe

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



75.0603, -25.3560, -24.3402



74.2698, -26.0619, -30.2175



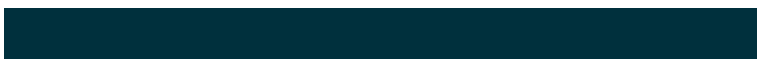
50.9631, 13.7516, -71.6724



43.5139, -4.6536, 0.3181



49.8164, -16.4810, -26.6885



15.6555, -5.6923, -7.2799

Previews

White Background



This preview shows how the HunterLab color 58.5688, 41.4426, 27.9029 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 58.5688, 41.4426, 27.9029 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 58.5688, 41.4426, 27.9029 Background



This preview shows how black text looks on a background with the HunterLab color 58.5688, 41.4426, 27.9029.



This preview shows how white text looks on a background with the HunterLab color 58.5688, 41.4426,

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

58.5688, 41.4426, 27.9029

Protanopia

58.8223, -6.0394, 23.9878

Deuteranopia

58.5786, 4.2008, 28.4878



Tritanopia

58.5406, 47.9017, 17.5981

Trichromacy



Original Color

58.5688, 41.4426, 27.9029

Protanomaly

57.7550, 10.2240, 24.6531

Deuteranomaly

58.0185, 17.3248, 27.8965

Tritanomaly

58.4999, 45.1849, 21.8873

Monochromacy



Original Color

58.5688, 41.4426, 27.9029

Achromatopsia

57.2519, -3.0548, 3.1106

Achromatomaly

56.6352, 10.6891, 12.9764

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.5688, 41.4426, 27.9029 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(248, 121, 86)` looks like.

```
.text, #text, p{  
    color:rgb(248, 121, 86)  
}
```

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(248, 121, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 121, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 58.5688, 41.4426, 27.9029 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(248, 121, 86) }
```


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

```
.border{ border-color:rgb(248, 121, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 121, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 121, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 121, 86);  
box-shadow:4px 4px 4px 4px rgb(248, 121,  
86) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.5688, 41.4426, 27.9029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 121, 86) }
```

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

```
.background{ background-color: rgb(248,  
121, 86) }
```

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