

Converting Colors

HunterLab(58.4437, 27.3517,
27.8299)

Have a look what the booklet for
HunterLab(58.4437, 27.3517,
27.8299) contains.

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Color

**HunterLab(58.3857, 27.2700,
27.7270)**

Conversions

Conversions Part 1

Format	Color
Hex	E58555
RGB	229, 133, 85
RGB Percent	90%, 52%, 33%
CMY	0.1020, 0.4784, 0.6667
CMYK	0.00, 0.42, 0.63, 0.10
HSL	20°, 73%, 62%
HSV	20°, 63%, 90%
XYZ	42.3403, 34.0889, 12.9425
YIQ	156.2320, 72.6240, 5.4240

Conversions

Conversions Part 2

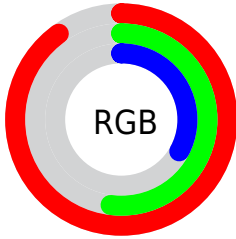
Format	Color
R _{YB}	229, 157, 85
Decimal	15041877
CIE Lab	65.03, 32.58, 41.38
CIE LCh	65, 52.663, 51.783
Yxy	34.0907, 0.4737, 0.3814
Android (android.graphics.Color)	4293231957 (0xFFE58555)
YUV	156.2320, -35.1174, 63.8175
Hunter-Lab	58.3857, 27.2700, 27.7270

Details

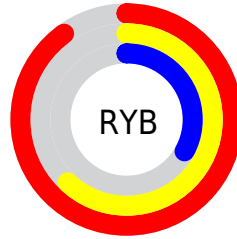
The HunterLab color **58.3857, 27.2700, 27.7270** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **63.7446, -15.1918, -29.9348**, and the grayscale version is **57.8719, -3.0879, 3.1443**.

A 20% lighter version of the original color is **76.5364, 14.0508, 29.3635**, and **38.2141, 25.2077, 21.2731** is the 20% darker color. If you saturate the color by 10%, you get **54.6834, 33.6762, 29.3280**, and if you desaturate by 10%, it is **62.4531, 21.1731, 25.4113**.

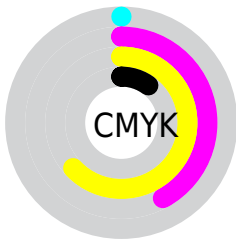
Distribution



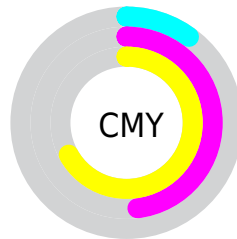
- Red (90%)
- Green (52%)
- Blue (33%)



- Red (90%)
- Yellow (62%)
- Blue (33%)



- Cyan (0%)
- Magenta (42%)
- Yellow (63%)
- Black (10%)



- Cyan (10%)
- Magenta (48%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.3857, 27.2700, 27.7270 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 58.3857, 27.2700, 27.7270 by changing the saturation by 10% instead.

58.3857, 27.2700,
27.7270

58.3857, 27.2700,
27.7270

179.0352, 32.5138,
51.8897

47.9200, 26.2524,
24.5625

81.2863, 28.9829,
33.6390

38.1659, 25.1201,
21.2109

93.6483, 29.7039,
36.4353

29.1816, 23.8578,
17.6262

106.5802, 30.3435,
39.1499

21.0395, 22.4577,
14.3757

120.0581, 30.9081,
41.7962

13.8382, 20.9320,
9.6867

134.0605, 31.4030,
44.3853

7.4656, 20.9695,
5.2259

148.5686, 31.8329,

0.0000, INF, NaN

46.9259

0.0000, NaN, NaN

163.5654, 32.2020,
49.4254

0.0000, NaN, NaN

■ 58.3857, 27.2700,
27.7270

■ 58.3857, 27.2700,
27.7270

■ 54.6834, 33.6762,
29.3280

■ 62.4531, 21.1731,
25.4113

■ 51.3830, 40.2841,
30.1321

■ 66.8409, 15.4571,
22.4732

■ 48.5248, 46.8974,
30.1083

■ 71.5140, 10.1381,
19.0060

■ 46.7698, 51.4312,
29.7197

■ 76.4400, 5.2100,
15.0919

■ 81.5906, 0.6515,
10.8007

■ 86.9414, -3.5665,
6.1902

■ 92.4718, -7.4755,
1.3072

■ 97.6718, -13.5320,
2.5180

Harmonies

Analogous

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



58.3872, 44.5858, 16.8861



58.3857, 27.2700, 27.7270



58.3872, 3.4242, 31.5829

Triad

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



58.3872, 27.2664, 27.7278



58.3872, -41.1766, 8.9476



58.3872, 14.4566, -51.8715

Complementary

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



58.3857, 27.2700, 27.7270



63.7446, -15.1918, -29.9348

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.



58.3872, -9.3853, -56.7025



58.3857, 27.2700, 27.7270



58.3872, -39.1722, -14.9547

Square

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



58.3872, 27.2664, 27.7278



58.3872, -34.3164, 23.8758



58.3872, -28.3325, -41.2062



58.3872, 36.4197, -29.8169

Rectangle

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



58.3857, 27.2700, 27.7270



58.3872, -11.9896, 31.4007



58.3872, -28.3325, -41.2062



58.3872, 6.3159, -55.8367

Sweetspot

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



58.3872, 27.2664, 27.7278



88.5208, 3.8975, 15.2688



51.4697, 62.1826, -17.5543



40.1877, 2.5030, 7.6955

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.3872, 27.2664, 27.7278



60.7763, 39.9435, 33.4538



78.0873, -9.1363, 41.4314



38.9218, -0.3873, 4.3192



35.6435, 38.1091, 22.6305



10.5108, 8.1960, 6.6202

Inverse Universe

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



63.7446, -15.1918, -29.9348



67.5788, -15.6941, -41.6368



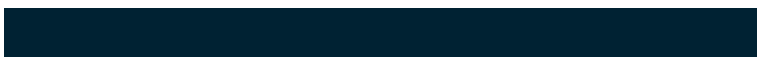
43.0418, 21.5453, -75.2122



39.3501, -3.6255, -0.1413



40.5295, -6.2634, -37.1374



11.7599, -2.8282, -8.5936

Previews

White Background



This preview shows how the HunterLab color 58.3857, 27.2700, 27.7270 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 58.3857, 27.2700, 27.7270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

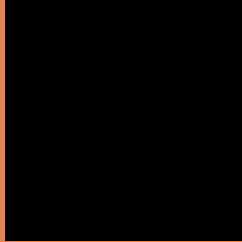
Any Text WCAG AA ✓ Pass

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 58.3857, 27.2700, 27.7270 Background



This preview shows how black text looks on a background with the HunterLab color 58.3857, 27.2700, 27.7270.



This preview shows how white text looks on a background with the HunterLab color 58.3857, 27.2700, 27.7270.

27.7270.

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

58.3857, 27.2700, 27.7270

Protanopia

58.4347, -6.0964, 25.1558

Deuteranopia

58.4779, 3.8883, 28.2092



Tritanopia

58.4056, 36.2735, 12.9790

Trichromacy



Original Color

58.3857, 27.2700, 27.7270

Protanomaly

57.9549, 5.2329, 25.6776

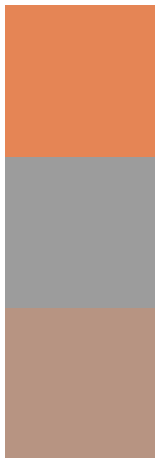
Deuteranomaly

58.1559, 12.4935, 27.9158

Tritanomaly

58.2870, 32.7940, 19.3711

Monochromacy



Original Color

58.3857, 27.2700, 27.7270

Achromatopsia

57.6586, -3.0765, 3.1327

Achromatomaly

57.3226, 6.0196, 13.5834

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.3857, 27.2700, 27.7270 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(229, 133, 85)` looks like.

```
.text, #text, p{  
    color:rgb(229, 133, 85)  
}
```

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(229, 133, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 133, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 58.3857, 27.2700, 27.7270 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(229, 133, 85) }
```


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

```
.border{ border-color:rgb(229, 133, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 133, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 133, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 133, 85);  
box-shadow:4px 4px 4px 4px rgb(229, 133,  
85) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.3857, 27.2700, 27.7270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 133, 85) }
```

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

```
.background{ background-color: rgb(229,  
133, 85) }
```

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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