

Converting Colors

HunterLab(58.0092, 27.6515,
33.2891)

Have a look what the booklet for
HunterLab(58.0092, 27.6515,
33.2891) contains.

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Color

**HunterLab(57.9743, 27.7052,
33.2368)**

Conversions

Conversions Part 1

Format	Color
Hex	E88331
RGB	232, 131, 49
RGB Percent	91%, 51%, 19%
CMY	0.0902, 0.4862, 0.8078
CMYK	0.00, 0.44, 0.79, 0.09
HSL	27°, 80%, 55%
HSV	27°, 79%, 91%
XYZ	41.9494, 33.6102, 7.1822
YIQ	151.8510, 86.5180, -4.0900

Conversions

Conversions Part 2

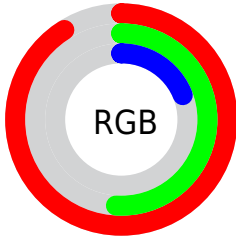
Format	Color
R _Y B	232, 198, 49
Decimal	15237937
CIE Lab	64.65, 33.04, 58.25
CIE LCh	65, 66.966, 60.433
Yxy	33.6120, 0.5070, 0.4062
Android (android.graphics.Color)	4293428017 (0xFFE88331)
YUV	151.8510, -50.7055, 70.2907
Hunter-Lab	57.9743, 27.7052, 33.2368

Details

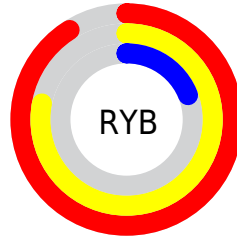
The HunterLab color **57.9743, 27.7052, 33.2368** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **53.1887, -3.3490, -52.3848**, and the grayscale version is **56.1499, -2.9960, 3.0507**.

A 20% lighter version of the original color is **75.4304, 12.2014, 37.0160**, and **37.7933, 25.7072, 23.7381** is the 20% darker color. If you saturate the color by 10%, you get **54.9857, 33.5140, 33.4272**, and if you desaturate by 10%, it is **61.2499, 22.2057, 32.1622**.

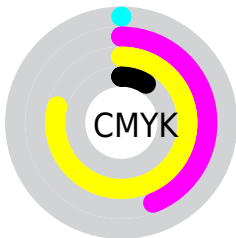
Distribution



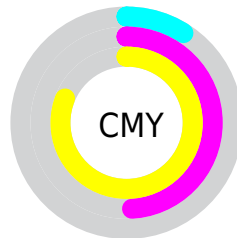
- Red (91%)
- Green (51%)
- Blue (19%)



- Red (91%)
- Yellow (78%)
- Blue (19%)



- Cyan (0%)
- Magenta (44%)
- Yellow (79%)
- Black (9%)



- Cyan (9%)
- Magenta (49%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.9743, 27.7052, 33.2368 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 57.9743, 27.7052, 33.2368 by changing the saturation by 10% instead.

57.9743, 27.7052,
33.2368

57.9743, 27.7052,
33.2368

178.4372, 33.1279,
65.4748

47.5349, 26.6637,
28.9132

80.8269, 29.4627,
41.2777

37.8090, 25.5070,
24.3440

93.1666, 30.2048,
45.0519

28.8553, 24.2199,
19.9830

106.0773, 30.8648,
48.6937

20.7471, 22.7957,
14.5230

119.5347, 31.4491,
52.2220

13.5841, 21.2504,
9.5089

133.5176, 31.9631,
55.6523

7.1775, 21.8338,
5.0242

148.0067, 32.4115,

0.0000, INF, NaN

58.9975

0.0000, NaN, NaN

162.9851, 32.7986,
62.2686

0.0000, NaN, NaN

■ 57.9743, 27.7052,
33.2368

■ 57.9743, 27.7052,
33.2368

■ 54.9857, 33.5140,
33.4272

■ 61.2499, 22.2057,
32.1622

■ 52.2936, 39.5108,
32.8300

■ 64.7865, 17.0942,
30.2243

■ 52.0086, 40.1784,
32.7508

■ 68.5637, 12.3982,
27.4814

■ 72.5600, 8.1240,
24.0057

■ 76.7554, 4.2611,
19.8726

■ 81.1317, 0.7892,
15.1544

■ 85.6727, -2.3178,
9.9173

■ 90.3636, -5.0881,
4.2201

■ 95.0963, -8.0763,
-0.5289

Harmonies

Analogous

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



57.9758, 54.5037, 24.4071



57.9743, 27.7052, 33.2368



57.9758, -3.5258, 35.3676

Triad

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



57.9758, 27.7014, 33.2375



57.9758, -49.6906, 2.7454



57.9758, 28.5963, -65.5032

Complementary

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



57.9743, 27.7052, 33.2368



53.1887, -3.3490, -52.3848

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.



57.9758, -2.6661, -81.1316



57.9743, 27.7052, 33.2368



57.9758, -44.4170, -31.4577

Square

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



57.9758, 27.7014, 33.2375



57.9758, -44.7154, 23.9988



57.9758, -28.5627, -66.3244



57.9758, 55.0889, -30.3673

Rectangle

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



57.9743, 27.7052, 33.2368



57.9758, -21.6362, 34.3991



57.9758, -28.5627, -66.3244



57.9758, 18.1122, -73.8186

Sweetspot

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



57.9758, 27.7014, 33.2375



87.7370, 2.8536, 19.7020



46.5216, 72.4557, -8.3087



39.7903, 1.9748, 9.9649

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



57.9758, 27.7014, 33.2375



59.1928, 41.7202, 36.8317



82.7398, -16.7041, 48.6090



39.2760, -0.9885, 4.7042



39.0640, 29.1628, 24.5816



11.4491, 5.9811, 7.1596

Inverse Universe

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



53.1887, -3.3490, -52.3848



52.9135, 3.7455, -73.3382



31.3662, 44.7657, -124.1969



38.9863, -3.0325, -0.5820



34.7358, 3.4567, -50.8787



10.3753, -0.6725, -11.5164

Previews

White Background



This preview shows how the HunterLab color 57.9743, 27.7052, 33.2368 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 57.9743, 27.7052, 33.2368 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 57.9743, 27.7052, 33.2368 Background



This preview shows how black text looks on a background with the HunterLab color 57.9743, 27.7052, 33.2368.



This preview shows how white text looks on a background with the HunterLab color 57.9743, 27.7052,

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

57.9743, 27.7052, 33.2368

Protanopia

58.2832, -7.5283, 31.9761

Deuteranopia

58.0240, 4.4496, 33.5937



Tritanopia

58.0213, 39.4871, 14.1366

Trichromacy



Original Color

57.9743, 27.7052, 33.2368

Protanomaly

57.5957, 4.5722, 32.1030

Deuteranomaly

57.6516, 12.8170, 33.1959

Tritanomaly

57.9165, 34.6253, 23.4256

Monochromacy



Original Color

57.9743, 27.7052, 33.2368

Achromatopsia

56.0347, -2.9899, 3.0445

Achromatomaly

55.6849, 5.5255, 17.1398

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.9743, 27.7052, 33.2368 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(232, 131, 49)` looks like.

```
.text, #text, p{  
    color:rgb(232, 131, 49)  
}
```

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(232, 131, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 131, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 57.9743, 27.7052, 33.2368 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(232, 131, 49) }
```


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

```
.border{ border-color:rgb(232, 131, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 131, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 131, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 131, 49);  
box-shadow:4px 4px 4px 4px rgb(232, 131,  
49) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.9743, 27.7052, 33.2368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 131, 49) }
```

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

```
.background{ background-color: rgb(232,  
131, 49) }
```

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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