

# Converting Colors

HunterLab(58.9267, 33.7810,  
26.9461)

Have a look what the booklet for  
HunterLab(58.9267, 33.7810,  
26.9461) contains.

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# Color

**HunterLab(58.9971, 33.9200,  
27.0009)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EF815B
RGB	239, 129, 91
RGB Percent	94%, 51%, 36%
CMY	0.0627, 0.4941, 0.6431
CMYK	0.00, 0.46, 0.62, 0.06
HSL	15°, 82%, 65%
HSV	15°, 62%, 94%
XYZ	45.3352, 34.8066, 14.2264
YIQ	157.5580, 77.7580, 11.5020

# Conversions

## Conversions Part 2

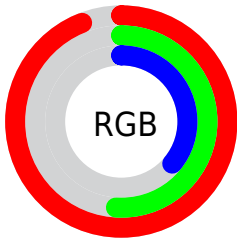
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	239, 142, 91
Decimal	15696219
CIE <sub>Lab</sub>	65.60, 38.94, 39.20
CIE <sub>LCh</sub>	66, 55.257, 45.187
Yxy	34.8084, 0.4804, 0.3688
Android (android.graphics.Color)	4293886299 (0xFFEF815B)
YUV	157.5580, -32.8131, 71.4246
Hunter-Lab	58.9971, 33.9200, 27.0009

# Details

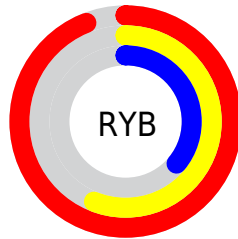
The HunterLab color **58.9971, 33.9200, 27.0009** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **70.8706, -21.3132, -25.0201**, and the grayscale version is **58.4018, -3.1162, 3.1731**.

A 20% lighter version of the original color is **75.5513, 16.7634, 26.7648**, and **38.6712, 31.4212, 20.7257** is the 20% darker color. If you saturate the color by 10%, you get **54.9359, 41.3825, 28.8274**, and if you desaturate by 10%, it is **63.5469, 26.6652, 24.5187**.

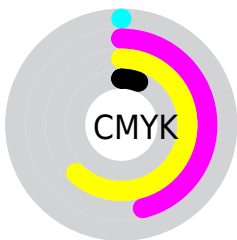
# Distribution



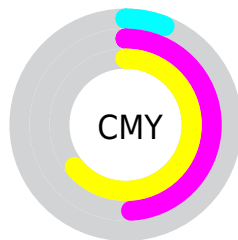
- Red (94%)
- Green (51%)
- Blue (36%)



- Red (94%)
- Yellow (56%)
- Blue (36%)



- Cyan (0%)
- Magenta (46%)
- Yellow (62%)
- Black (6%)



- Cyan (6%)
- Magenta (49%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.9971, 33.9200, 27.0009 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 58.9971, 33.9200, 27.0009 by changing the saturation by 10% instead.



■ 58.9971, 33.9200,  
27.0009

■ 58.9971, 33.9200,  
27.0009

179.9227, 41.1909,  
50.1156

■ 48.4926, 32.6515,  
23.9946

■ 81.9688, 36.1207,  
32.6302

■ 38.6969, 31.2668,  
20.8144

■ 94.3637, 37.0776,  
35.2988

■ 29.6673, 29.7558,  
17.4150

■ 107.3271, 37.9475,  
37.8931

■ 21.4754, 28.1230,  
14.0800

■ 120.8351, 38.7368,  
40.4258

■ 14.2176, 26.4119,  
9.9524

134.8666, 39.4512,  
42.9070

■ 7.8732, 25.9118,  
5.5112

149.4027, 40.0955,

0.0000, INF, NaN

45.3447

0.0000, NaN, NaN

164.4266, 40.6741,  
47.7457

0.0000, NaN, NaN

■ 58.9971, 33.9200,  
27.0009

■ 58.9971, 33.9200,  
27.0009

■ 54.9359, 41.3825,  
28.8274

■ 63.5469, 26.6652,  
24.5187

■ 51.4200, 48.8471,  
29.8822

■ 68.5206, 19.7539,  
21.4981

■ 48.5068, 55.9861,  
30.1001

■ 73.8654, 13.2373,  
18.0468

■ 46.6136, 61.2045,  
29.7946

■ 79.5339, 7.1253,  
14.2526

■ 85.4857, 1.4018,  
10.1844

■ 91.6868, -3.9632,  
5.8949

■ 97.9994, -9.6084,  
2.9805

■ 98.5346, -10.4716,  
3.6061

# Harmonies

## Analogous

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



58.9987, 49.6300, 13.8003



58.9971, 33.9200, 27.0009



58.9987, 9.4009, 32.2090

# Triad

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



58.9987, 33.9161, 27.0017



58.9987, -42.1837, 13.5714



58.9987, 9.7238, -58.5901

# Complementary

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



58.9971, 33.9200, 27.0009



70.8706, -21.3132, -25.0201

# 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.



58.9987, -14.7344, -58.7347



58.9971, 33.9200, 27.0009



58.9987, -42.1262, -9.7968

# Square

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



58.9987, 33.9161, 27.0017



58.9987, -33.0277, 26.8934



58.9987, -32.8553, -38.3206



58.9987, 34.1856, -37.9816



# Rectangle

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



58.9971, 33.9200, 27.0009



58.9987, -7.3563, 32.7028



58.9987, -32.8553, -38.3206



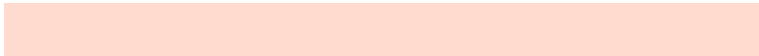
58.9987, 1.1751, -61.2446

# Sweetspot

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



58.9987, 33.9161, 27.0017



87.4082, 5.8674, 14.1168



54.8610, 66.6715, -25.4158



39.6020, 3.5519, 7.0999

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



58.9987, 33.9161, 27.0017



58.1922, 46.4289, 31.3717



78.3243, -3.5069, 40.7092



40.5198, 0.0268, 4.2643



34.9084, 44.7265, 22.2934



10.8109, 10.7851, 6.8504



# Inverse Universe

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



70.8706, -21.3132, -25.0201



72.6586, -22.6962, -32.8262



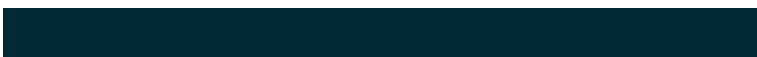
48.8823, 15.2911, -68.6590



41.4749, -4.2204, 0.1490



46.0214, -12.7478, -30.0038

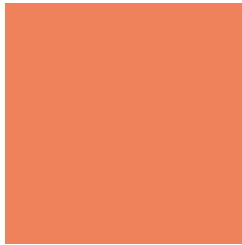


13.8592, -4.5042, -7.5995



# Previews

## White Background



This preview shows how the HunterLab color 58.9971, 33.9200, 27.0009 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 58.9971, 33.9200, 27.0009 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 58.9971, 33.9200, 27.0009 Background



This preview shows how black text looks on a background with the HunterLab color 58.9971, 33.9200, 27.0009.



This preview shows how white text looks on a background with the HunterLab color 58.9971, 33.9200,



# 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

58.9971, 33.9200, 27.0009

### Protanopia

59.2449, -5.9858, 23.8217

### Deuteranopia

59.0458, 4.5116, 27.6223



## Tritanopia

59.1257, 41.4128, 15.2675

# Trichromacy



**Original Color**

58.9971, 33.9200, 27.0009

**Protanomaly**

58.6366, 7.7091, 24.5825

**Deuteranomaly**

58.8627, 14.9117, 27.2324

**Tritanomaly**

59.0820, 38.4450, 20.1902

# Monochromacy



**Original Color**

58.9971, 33.9200, 27.0009

**Achromatopsia**

58.4734, -3.1200, 3.1770

**Achromatomaly**

57.5790, 8.4537, 12.4035

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 58.9971, 33.9200, 27.0009 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(239, 129, 91)` looks like.

```
.text, #text, p{  
    color:rgb(239, 129, 91)  
}
```

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(239, 129, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 129, 91) }
```

## Border

The CSS property to change the border of an element to HunterLab 58.9971, 33.9200, 27.0009 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(239, 129, 91) }
```



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

```
.border{ border-color:rgb(239, 129, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 129, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 129, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 129, 91);  
box-shadow:4px 4px 4px 4px rgb(239, 129,  
91) }
```

# Background

The CSS property to change the background color of an element to HunterLab 58.9971, 33.9200, 27.0009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 129, 91) }
```

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

```
.background{ background-color: rgb(239,  
129, 91) }
```

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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