

# Converting Colors

HunterLab(58.9240, 25.7563,  
29.8065)

Have a look what the booklet for  
HunterLab(58.9240, 25.7563,  
29.8065) contains.

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# Color

**HunterLab(58.8836, 26.0965,  
29.8560)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6874C
RGB	230, 135, 76
RGB Percent	90%, 53%, 30%
CMY	0.0980, 0.4706, 0.7020
CMYK	0.00, 0.41, 0.67, 0.10
HSL	23°, 75%, 60%
HSV	23°, 67%, 90%
XYZ	42.6016, 34.6728, 11.2846
YIQ	156.6790, 75.5590, 1.7910

# Conversions

## Conversions Part 2

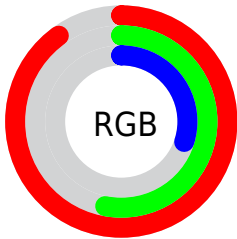
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 172, 76
Decimal	15107916
CIE <sub>Lab</sub>	65.49, 31.38, 46.56
CIE <sub>LCh</sub>	65, 56.149, 56.021
Yxy	34.6746, 0.4810, 0.3915
Android (android.graphics.Color)	4293297996 (0xFFE6874C)
YUV	156.6790, -39.7747, 64.3025
Hunter-Lab	58.8836, 26.0965, 29.8560

# Details

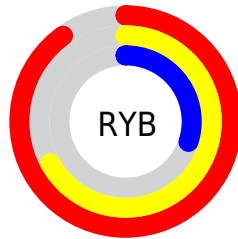
The HunterLab color **58.8836, 26.0965, 29.8560** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **60.3104, -11.3500, -36.6317**, and the grayscale version is **58.0715, -3.0986, 3.1551**.

A 20% lighter version of the original color is **76.9334, 12.1610, 32.1449**, and **38.5419, 23.9292, 22.5732** is the 20% darker color. If you saturate the color by 10%, you get **55.4174, 32.1533, 31.1071**, and if you desaturate by 10%, it is **62.6739, 20.3733, 27.8086**.

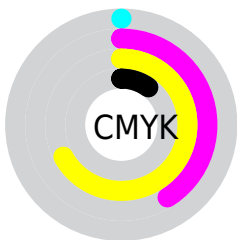
# Distribution



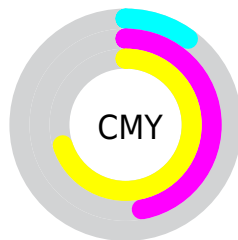
- Red (90%)
- Green (53%)
- Blue (30%)



- Red (90%)
- Yellow (67%)
- Blue (30%)



- Cyan (0%)
- Magenta (41%)
- Yellow (67%)
- Black (10%)



- Cyan (10%)
- Magenta (47%)
- Yellow (70%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.8836, 26.0965, 29.8560 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 58.8836, 26.0965, 29.8560 by changing the saturation by 10% instead.




 58.8836, 26.0965,  
29.8560


 58.8836, 26.0965,  
29.8560

179.7581, 30.9119,  
56.4269


 48.3863, 25.1344,  
26.3437


 81.8421, 27.7036,  
36.4030

 38.5983, 24.0591,  
22.6230


 94.2309, 28.3742,  
39.4904


 29.5770, 22.8547,  
18.6503


 107.1885, 28.9651,  
42.4810

 21.3944, 21.5110,  
14.9760

 120.6909, 29.4823,  
45.3901

 14.1470, 20.0334,  
9.9029

 134.7170, 29.9314,  
48.2300

 7.7992, 19.5555,  
5.4595

149.2480, 30.3167,

0.0000, INF, NaN

51.0108

0.0000, NaN, NaN

164.2668, 30.6424,  
53.7407

0.0000, NaN, NaN

■ 58.8836, 26.0965,  
29.8560

■ 58.8836, 26.0965,  
29.8560

■ 55.4174, 32.1533,  
31.1071

■ 62.6739, 20.3733,  
27.8086

■ 52.3025, 38.4546,  
31.5092

■ 66.7519, 15.0456,  
25.0410

■ 49.5680, 44.8304,  
31.0879

■ 71.0893, 10.1260,  
21.6398

■ 48.8088, 46.7276,  
30.8938

■ 75.6588, 5.6082,  
17.6872

■ 80.4364, 1.4721,  
13.2576

■ 85.4010, -2.3093,  
8.4153

■ 90.5343, -5.7663,  
3.2149

■ 95.6500, -9.8706,  
0.1223

■ 97.7563, -13.2313,  
2.6249

# Harmonies

## Analogous

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



58.8851, 46.3863, 19.8983



58.8836, 26.0965, 29.8560



58.8851, 0.2160, 32.9530

# Triad

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



58.8851, 26.0929, 29.8567



58.8851, -43.7214, 6.2805



58.8851, 19.3805, -54.2153

# Complementary

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



58.8836, 26.0965, 29.8560



60.3104, -11.3500, -36.6317

# 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.



58.8851, -6.4325, -62.7906



58.8836, 26.0965, 29.8560



58.8851, -40.3085, -20.4979

# Square

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



58.8851, 26.0929, 29.8567



58.8851, -37.8391, 23.4105



58.8851, -27.5992, -48.4927



58.8851, 42.0807, -28.3768



# Rectangle

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



58.8836, 26.0965, 29.8560



58.8851, -15.7927, 32.3380



58.8851, -27.5992, -48.4927



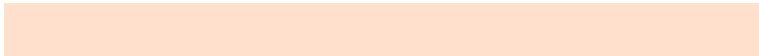
58.8851, 10.6691, -59.5764

# Sweetspot

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



58.8851, 26.0929, 29.8567



88.7043, 3.0785, 16.5295



50.0298, 65.1957, -15.2048



40.3349, 2.0298, 8.3017

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



58.8851, 26.0929, 29.8567



61.0268, 38.6003, 35.2374



79.4826, -11.4165, 43.6763



39.0752, -0.6483, 4.4863



37.0219, 34.3702, 23.4144



10.8999, 7.2481, 6.8433



# Inverse Universe

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



60.3104, -11.3500, -36.6317



62.6924, -9.7595, -51.0133



39.6401, 27.4236, -87.0663



39.1920, -3.3685, -0.3323



37.9597, -2.1311, -42.8459



11.1496, -1.9077, -9.8178



# Previews

## White Background



This preview shows how the HunterLab color 58.8836, 26.0965, 29.8560 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 58.8836, 26.0965, 29.8560 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

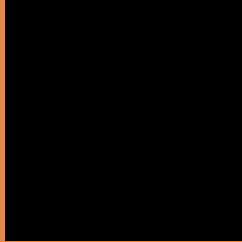
Any Text WCAG AA ✓ Pass

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 58.8836, 26.0965, 29.8560 Background



This preview shows how black text looks on a background with the HunterLab color 58.8836, 26.0965, 29.8560.



This preview shows how white text looks on a background with the HunterLab color 58.8836, 26.0965,



# 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

58.8836, 26.0965, 29.8560

### Protanopia

59.1708, -6.7869, 27.9375

### Deuteranopia

58.9870, 3.9686, 30.2546



## Tritanopia

58.9380, 36.6777, 13.1512

# Trichromacy



## Original Color

58.8836, 26.0965, 29.8560

## Protanomaly

58.7052, 4.6505, 28.3932

## Deuteranomaly

58.8168, 11.7151, 30.0937

## Tritanomaly

58.9865, 32.3894, 20.6111

# Monochromacy



## Original Color

58.8836, 26.0965, 29.8560

## Achromatopsia

58.0658, -3.0982, 3.1548

## Achromatomaly

57.6574, 5.6313, 14.6265

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 58.8836, 26.0965, 29.8560 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(230, 135, 76)` looks like.

```
.text, #text, p{  
    color:rgb(230, 135, 76)  
}
```

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(230, 135, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 135, 76) }
```

## Border

The CSS property to change the border of an element to HunterLab 58.8836, 26.0965, 29.8560 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(230, 135, 76) }
```



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

```
.border{ border-color:rgb(230, 135, 76) }
```

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

Here you see how a box with a 4 pixel rgb(230, 135, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 135, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 135, 76);  
box-shadow:4px 4px 4px 4px rgb(230, 135,  
76) }
```

# Background

The CSS property to change the background color of an element to HunterLab 58.8836, 26.0965, 29.8560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 135, 76) }
```

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

```
.background{ background-color: rgb(230,  
135, 76) }
```

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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