

# Converting Colors

HunterLab(57.7038, 29.1090,  
25.1055)

Have a look what the booklet for  
HunterLab(57.7038, 29.1090,  
25.1055) contains.

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# Color

**HunterLab(57.6779, 29.0377,  
25.1635)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4825E
RGB	228, 130, 94
RGB Percent	89%, 51%, 37%
CMY	0.1059, 0.4902, 0.6314
CMYK	0.00, 0.43, 0.59, 0.11
HSL	16°, 71%, 63%
HSV	16°, 59%, 89%
XYZ	41.9979, 33.2674, 14.7974
YIQ	155.1980, 69.9640, 9.5800

# Conversions

## Conversions Part 2

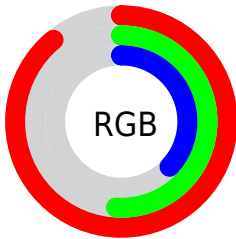
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">228, 143, 94</a>
Decimal	<a href="#">14975582</a>
CIELab	<a href="#">64.38, 34.38, 35.76</a>
CIELCh	<a href="#">64, 49.600, 46.126</a>
Yxy	<a href="#">33.2691, 0.4663, 0.3694</a>
Android (android.graphics.Color)	<a href="#">4293165662</a> ( <a href="#">0xFFE4825E</a> )
YUV	<a href="#">155.1980, -30.1706, 63.8474</a>
Hunter-Lab	<a href="#">57.6779, 29.0377, 25.1635</a>

# Details

The HunterLab color **57.6779, 29.0377, 25.1635** 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 **67.5855, -19.3174, -23.0818**, and the grayscale version is **57.4324, -3.0645, 3.1204**.

A 20% lighter version of the original color is **75.8850, 16.5484, 26.1198**, and **37.5793, 26.6586, 19.3799** is the 20% darker color. If you saturate the color by 10%, you get **53.6993, 35.9338, 27.0989**, and if you desaturate by 10%, it is **62.0820, 22.4039, 22.6325**.

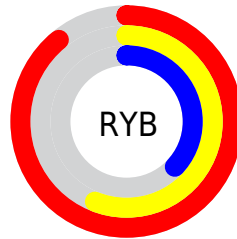
# Distribution



Red (89%)

Green (51%)

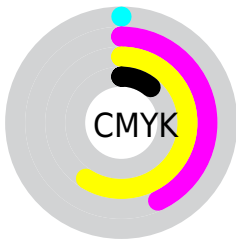
Blue (37%)



Red (89%)

Yellow (56%)

Blue (37%)

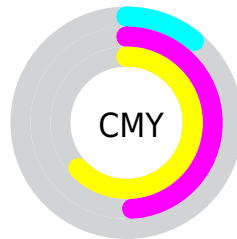


Cyan (0%)

Magenta (43%)

Yellow (59%)

Black (11%)



Cyan (11%)

Magenta (49%)


Yellow (63%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.6779, 29.0377, 25.1635 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 57.6779, 29.0377, 25.1635 by changing the saturation by 10% instead.





 57.6779, 29.0377,  
25.1635


 57.6779, 29.0377,  
25.1635

178.0058, 34.9183,  
46.7505


 47.2575, 27.9383,  
22.3749


 80.4956, 30.9074,  
30.3936


 37.5520, 26.7222,  
19.4261


 92.8193, 31.7031,  
32.8784

 28.6205, 25.3758,  
16.2713


 105.7146, 32.4152,  
35.2979

 20.5369, 23.8952,  
13.1090

 119.1573, 33.0501,  
37.6637

 13.4016, 22.3046,  
9.3811

133.1259, 33.6133,  
39.9851

 6.9620, 23.4032,  
4.8734

147.6014, 34.1096,

0.0000, INF, NaN

42.2694

0.0000, NaN, NaN

162.5665, 34.5434,  
44.5229

0.0000, NaN, NaN

■ 57.6779, 29.0377,  
25.1635

■ 57.6779, 29.0377,  
25.1635

■ 53.6993, 35.9338,  
27.0989

■ 62.0820, 22.4039,  
22.6325

■ 50.1968, 42.9448,  
28.3285

■ 66.8550, 16.1257,  
19.6110

■ 47.2250, 49.8165,  
28.7741

■ 71.9517, 10.2298,  
16.1938

■ 44.8216, 56.1890,  
28.4961

■ 77.3318, 4.7132,  
12.4580

■ 44.5641, 56.9073,  
28.4564

■ 82.9610, -0.4456,  
8.4640

■ 88.8103, -5.2769,  
4.2587

■ 94.8555, -9.8144,  
-0.1221

■ 97.5879, -13.8315,  
2.4116

# Harmonies

## Analogous

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



57.6794, 43.1019, 13.1773



57.6779, 29.0377, 25.1635



57.6794, 7.3469, 30.0296

# Triad

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



57.6794, 29.0342, 25.1643



57.6794, -38.4753, 11.9271



57.6794, 9.0635, -49.9872

# Complementary

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



57.6779, 29.0377, 25.1635



67.5855, -19.3174, -23.0818

# 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.



57.6794, -12.8165, -50.7239



57.6779, 29.0377, 25.1635



57.6794, -38.1577, -9.1059

# Square

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



57.6794, 29.0342, 25.1643



57.6794, -30.3590, 24.5441



57.6794, -29.4151, -33.7570



57.6794, 30.4511, -32.0119



# Rectangle

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



57.6779, 29.0377, 25.1635



57.6794, -7.4980, 30.4239



57.6794, -29.4151, -33.7570



57.6794, 1.4736, -52.4377

# Sweetspot

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



57.6794, 29.0342, 25.1643



88.2102, 4.9523, 13.8530



53.2139, 59.6398, -21.9019



39.9658, 3.1158, 7.0015

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



57.6794, 29.0342, 25.1643



59.8499, 42.9169, 31.2214



75.5735, -4.8957, 38.1741



38.7231, -0.0476, 4.1018



34.1103, 42.5106, 21.7628



10.0497, 9.3809, 6.3568



# Inverse Universe

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



67.5855, -19.3174, -23.0818



72.7916, -21.8758, -32.5888



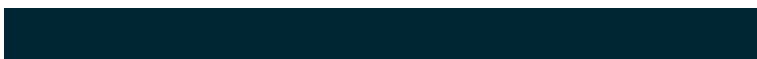
47.6616, 13.9187, -61.6935



39.5561, -3.9589, 0.1065



43.9807, -11.4586, -30.2363



12.5725, -3.9939, -7.0927



# Previews

## White Background



This preview shows how the HunterLab color 57.6779, 29.0377, 25.1635 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 57.6779, 29.0377, 25.1635 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

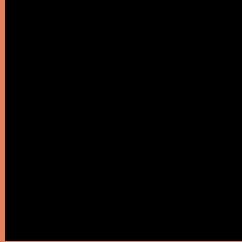
Any Text WCAG AA ✓ Pass

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 57.6779, 29.0377, 25.1635 Background



This preview shows how black text looks on a background with the HunterLab color 57.6779, 29.0377, 25.1635.



This preview shows how white text looks on a background with the HunterLab color 57.6779, 29.0377,

25.1635.

# 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

57.6779, 29.0377, 25.1635

### Protanopia

57.7256, -5.2702, 22.0264

### Deuteranopia

57.7143, 4.3994, 25.7034



## Tritanopia

57.7732, 36.6706, 13.0951

# Trichromacy



## Original Color

57.6779, 29.0377, 25.1635

## Protanomaly

57.3270, 6.2284, 22.9643

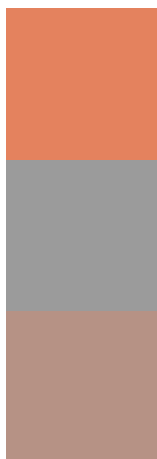
## Deuteranomaly

57.3922, 12.9704, 25.3671

## Tritanomaly

57.7353, 33.6136, 18.2420

# Monochromacy



## Original Color

57.6779, 29.0377, 25.1635

## Achromatopsia

57.2519, -3.0548, 3.1106

## Achromatomaly

56.7418, 7.0433, 11.9005

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 57.6779, 29.0377, 25.1635 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(228, 130, 94)` looks like.

```
.text, #text, p{  
    color:rgb(228, 130, 94)  
}
```

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(228, 130, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 130, 94) }
```

## Border

The CSS property to change the border of an element to HunterLab 57.6779, 29.0377, 25.1635 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(228, 130, 94) }
```



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

```
.border{ border-color:rgb(228, 130, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 130, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 130, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 130, 94);  
box-shadow:4px 4px 4px 4px rgb(228, 130,  
94) }
```

# Background

The CSS property to change the background color of an element to HunterLab 57.6779, 29.0377, 25.1635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 130, 94) }
```

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

```
.background{ background-color: rgb(228,  
130, 94) }
```

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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