

# Converting Colors

HunterLab(56.3660, 27.6582,  
24.8842)

Have a look what the booklet for  
HunterLab(56.3660, 27.6582,  
24.8842) contains.

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# Color

**HunterLab(56.4638, 27.7640,  
24.8859)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DF805B
RGB	223, 128, 91
RGB Percent	87%, 50%, 36%
CMY	0.1255, 0.4980, 0.6431
CMYK	0.00, 0.43, 0.59, 0.13
HSL	17°, 67%, 62%
HSV	17°, 59%, 87%
XYZ	40.0389, 31.8816, 13.9410
YIQ	152.1870, 68.4970, 8.6330

# Conversions

## Conversions Part 2

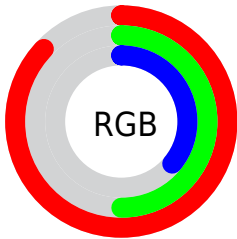
Format	Color
R <sub>Y</sub> B	223, 142, 91
Decimal	14647387
CIE Lab	63.25, 33.24, 35.83
CIE LCh	63, 48.872, 47.146
Yxy	31.8833, 0.4663, 0.3713
Android (android.graphics.Color)	4292837467 (0xFFDF805B)
YUV	152.1870, -30.1652, 62.1030
Hunter-Lab	56.4638, 27.7640, 24.8859

# Details

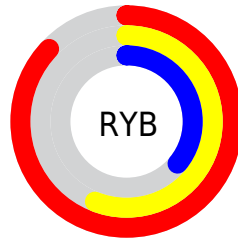
The HunterLab color **56.4638, 27.7640, 24.8859** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **65.3202, -18.1430, -23.4345**, and the grayscale version is **56.2104, -2.9992, 3.0540**.

A 20% lighter version of the original color is **75.2787, 17.2924, 26.5334**, and **36.4364, 25.4595, 19.0202** is the 20% darker color. If you saturate the color by 10%, you get **52.6241, 34.3803, 26.7399**, and if you desaturate by 10%, it is **60.7042, 21.4154, 22.4348**.

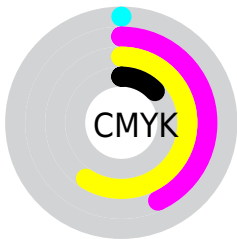
# Distribution



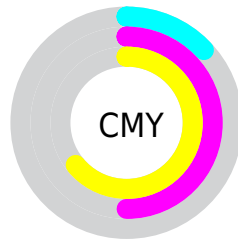
- Red (87%)
- Green (50%)
- Blue (36%)



- Red (87%)
- Yellow (56%)
- Blue (36%)



- Cyan (0%)
- Magenta (43%)
- Yellow (59%)
- Black (13%)




- Cyan (13%)
- Magenta (50%)
- Yellow (64%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.4638, 27.7640, 24.8859 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 56.4638, 27.7640, 24.8859 by changing the saturation by 10% instead.





 56.4638, 27.7640,  
24.8859


 56.4638, 27.7640,  
24.8859


176.2348, 33.3482,  
46.5641


 46.1220, 26.6987,  
22.0762


 79.1379, 29.5654,  
30.1478


 36.5010, 25.5159,  
19.1013


 91.3951, 30.3273,  
32.6449

 27.6613, 24.2015,  
15.9138


 104.2270, 31.0058,  
35.0750

 19.6794, 22.7505,  
12.8797

 117.6089, 31.6076,  
37.4500

 12.6596, 21.1871,  
8.8617

131.5190, 32.1382,  
39.7794

 5.9949, 25.0294,  
4.1964

145.9380, 32.6024,

0.0000, INF, NaN

42.0709

0.0000, NaN, NaN

160.8485, 33.0045,  
44.3308

0.0000, NaN, NaN

■ 56.4638, 27.7640,  
24.8859

■ 56.4638, 27.7640,  
24.8859

■ 52.6241, 34.3803,  
26.7399

■ 60.7042, 21.4154,  
22.4348

■ 49.2317, 41.1323,  
27.8934

■ 65.2928, 15.4189,  
19.4866

■ 46.3372, 47.7880,  
28.2766

■ 70.1877, 9.7967,  
16.1333

■ 43.9746, 54.0095,  
27.9727

■ 75.3514, 4.5446,  
12.4501

■ 43.8060, 54.4748,  
27.9467

■ 80.7518, -0.3587,  
8.4975

■ 86.3619, -4.9427,  
4.3226

■ 92.1588, -9.2395,  
-0.0381

■ 97.1740, -15.3108,  
1.8859

# Harmonies

## Analogous

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



56.4653, 41.8925, 13.4316



56.4638, 27.7640, 24.8859



56.4653, 6.4264, 29.4560

# Triad

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



56.4653, 27.7606, 24.8867



56.4653, -37.7726, 11.1016



56.4653, 9.6245, -48.5343

# Complementary

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



56.4638, 27.7640, 24.8859



65.3202, -18.1430, -23.4345

# 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.



56.4653, -11.8757, -49.9062



56.4638, 27.7640, 24.8859



56.4653, -37.1806, -9.7164

# Square

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



56.4653, 27.7606, 24.8867



56.4653, -30.1085, 23.7302



56.4653, -28.3494, -33.7776



56.4653, 30.4001, -30.5274



# Rectangle

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



56.4638, 27.7640, 24.8859



56.4653, -8.0402, 29.7402



56.4653, -28.3494, -33.7776



56.4653, 2.1905, -51.1424

# Sweetspot

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



56.4653, 27.7606, 24.8867



88.3708, 4.6682, 14.0206



51.7615, 58.4897, -21.4483



40.0511, 2.9630, 7.0890

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



56.4653, 27.7606, 24.8867



60.2883, 41.8557, 31.5195



73.6413, -4.7359, 37.3256



37.8457, -0.1115, 4.0383



33.8354, 41.0508, 21.5679



9.7075, 8.6032, 6.1323



# Inverse Universe

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



65.3202, -18.1430, -23.4345



72.0939, -20.8852, -33.7470



46.2840, 13.7557, -60.6683



38.5860, -3.8026, 0.0657



42.6781, -10.3923, -30.9099

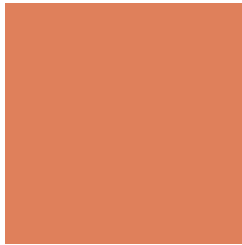


11.8802, -3.6624, -6.9432



# Previews

## White Background



This preview shows how the HunterLab color 56.4638, 27.7640, 24.8859 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

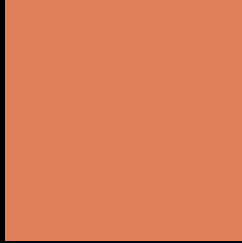
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 56.4638, 27.7640, 24.8859 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 56.4638, 27.7640, 24.8859 Background



This preview shows how black text looks on a background with the HunterLab color 56.4638, 27.7640, 24.8859.



This preview shows how white text looks on a background with the HunterLab color 56.4638, 27.7640,



# 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

56.4638, 27.7640, 24.8859

### Protanopia

56.8034, -5.6334, 22.0525

### Deuteranopia

56.4010, 4.1325, 25.3477



## Tritanopia

56.5691, 35.4630, 12.5987

# Trichromacy



## Original Color

56.4638, 27.7640, 24.8859

## Protanomaly

56.2838, 5.4519, 22.8640

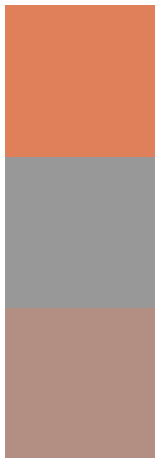
## Deuteranomaly

56.0796, 12.6713, 25.0167

## Tritanomaly

56.5324, 32.4063, 17.7518

# Monochromacy



## Original Color

56.4638, 27.7640, 24.8859

## Achromatopsia

56.0347, -2.9899, 3.0445

## Achromatomaly

55.4271, 6.7391, 11.6809

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 56.4638, 27.7640, 24.8859 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(223, 128, 91)` looks like.

```
.text, #text, p{  
    color:rgb(223, 128, 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(223, 128, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 128, 91) }
```

## Border

The CSS property to change the border of an element to HunterLab 56.4638, 27.7640, 24.8859 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(223, 128, 91) }
```



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

```
.border{ border-color:rgb(223, 128, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 128, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 128, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 128, 91);  
box-shadow:4px 4px 4px 4px rgb(223, 128,  
91) }
```

# Background

The CSS property to change the background color of an element to HunterLab 56.4638, 27.7640, 24.8859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 128, 91) }
```

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

```
.background{ background-color: rgb(223,  
128, 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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