

Converting Colors

HunterLab(68.5182, 70.6518,
37.2019)

Have a look what the booklet for
HunterLab(68.5182, 70.6518,
37.2019) contains.

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Color

**HunterLab(58.7645, 45.9305,
29.7423)**

Conversions

Conversions Part 1

Format	Color
Hex	FF754E
RGB	255, 117, 78
RGB Percent	100%, 46%, 31%
CMY	0.0000, 0.5411, 0.6941
CMYK	0.00, 0.54, 0.69, 0.00
HSL	13°, 100%, 65%
HSV	13°, 69%, 100%
XYZ	48.9765, 34.5327, 11.2919
YIQ	153.8160, 94.7670, 17.1270

Conversions

Conversions Part 2

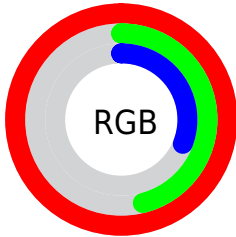
Format	Color
R_{YB}	255, 128, 78
Decimal	16741710
CIE Lab	65.38, 50.06, 46.35
CIE LCh	65, 68.224, 42.797
Yxy	34.5346, 0.5166, 0.3643
Android (android.graphics.Color)	4294931790 (0xFFFF754E)
YUV	153.8160, -37.3773, 88.7384
Hunter-Lab	58.7645, 45.9305, 29.7423

Details

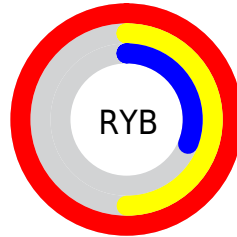
The HunterLab color **58.7645, 45.9305, 29.7423** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **76.1232, -25.9472, -27.2341**, and the grayscale version is **56.8924, -3.0356, 3.0911**.

A 20% lighter version of the original color is **72.3350, 21.2004, 28.2045**, and **38.5425, 42.5433, 22.6050** is the 20% darker color. If you saturate the color by 10%, you get **54.8503, 54.2231, 31.1716**, and if you desaturate by 10%, it is **63.3317, 37.5438, 27.5450**.

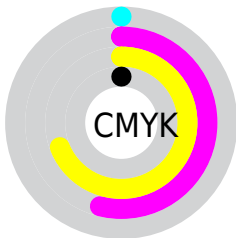
Distribution



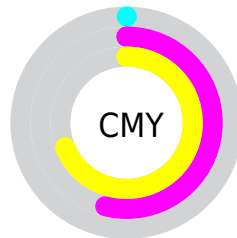
- Red (100%)
- Green (46%)
- Blue (31%)



- Red (100%)
- Yellow (50%)
- Blue (31%)



- Cyan (0%)
- Magenta (54%)
- Yellow (69%)
- Black (0%)





- Cyan (0%)
- Magenta (54%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.7645, 45.9305, 29.7423 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 58.7645, 45.9305, 29.7423 by changing the saturation by 10% instead.


 58.7645, 45.9305,
29.7423

 58.7645, 45.9305,
29.7423


179.5854, 56.6414,
56.2225


 48.2748, 44.2537,
26.2424


 81.7093, 48.9423,
36.2663


 38.4949, 42.4698,
22.5343


 94.0917, 50.2970,
39.3429


 29.4824, 40.5849,
18.5746


 107.0431, 51.5577,
42.3231

 21.3095, 38.6404,
14.9166

 120.5397, 52.7302,
45.2223

 14.0731, 36.7734,
9.8512

 134.5602, 53.8201,
48.0525

 7.7209, 37.0739,
5.4046

149.0857, 54.8322,

0.0000, INF, NaN

50.8240

0.0000, NaN, NaN

164.0992, 55.7713,
53.5451

0.0000, NaN, NaN

■ 58.7645, 45.9305,
29.7423

■ 58.7645, 45.9305,
29.7423

■ 54.8503, 54.2231,
31.1716

■ 63.3317, 37.5438,
27.5450

■ 51.6542, 62.0309,
31.7247

■ 68.4695, 29.3514,
24.7196

■ 49.2199, 68.8269,
31.4820

■ 74.1051, 21.5063,
21.4043

■ 49.0993, 69.1791,
31.4658

■ 80.1713, 14.0794,
17.7138

■ 86.6105, 7.0852,
13.7371

 93.3742, 0.5063,
9.5404

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



58.7661, 65.0259, 14.1834



58.7645, 45.9305, 29.7423



58.7661, 15.0741, 35.3092

Triad

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



58.7661, 45.9260, 29.7432



58.7661, -49.0232, 17.3242



58.7661, 10.3094, -80.3920

Complementary

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



58.7645, 45.9305, 29.7423



76.1232, -25.9472, -27.2341

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.



58.7661, -19.3724, -78.0153



58.7645, 45.9305, 29.7423



58.7661, -49.7868, -10.4259

Square

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



58.7661, 45.9260, 29.7432



58.7661, -37.6685, 31.0395



58.7661, -40.0211, -48.1841



58.7661, 41.8354, -53.6137

Rectangle

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



58.7645, 45.9305, 29.7423



58.7661, -5.9508, 35.9734



58.7661, -40.0211, -48.1841



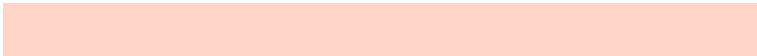
58.7661, -0.2728, -83.2580

Sweetspot

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



58.7661, 45.9260, 29.7432



85.5648, 8.1680, 14.3851



56.3031, 80.4134, -32.7754



38.7545, 4.6613, 7.1699

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.7661, 45.9260, 29.7432



53.6175, 57.1065, 31.4739



80.8708, 0.6443, 44.5590



43.1695, 0.2618, 4.4324



35.7425, 49.2276, 22.8862



11.8196, 13.3833, 7.5175

Inverse Universe

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



76.1232, -25.9472, -27.2341



72.8195, -25.2069, -32.6004



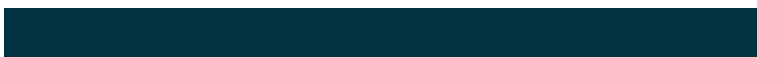
49.3127, 18.4250, -83.0399



44.4547, -4.7357, 0.3021



50.2988, -16.3549, -27.5637



16.1957, -5.7909, -7.7423

Previews

White Background



This preview shows how the HunterLab color 58.7645, 45.9305, 29.7423 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 58.7645, 45.9305, 29.7423 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 58.7645, 45.9305, 29.7423 Background



This preview shows how black text looks on a background with the HunterLab color 58.7645, 45.9305, 29.7423.



This preview shows how white text looks on a background with the HunterLab color 58.7645, 45.9305,

29.7423.

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

58.7645, 45.9305, 29.7423

Protanopia

58.7943, -6.3890, 25.9063

Deuteranopia

58.7013, 4.4003, 30.2275



Tritanopia

58.6947, 51.1556, 18.7904

Trichromacy



Original Color

58.7645, 45.9305, 29.7423

Protanomaly

57.7331, 11.2683, 26.5122

Deuteranomaly

58.1937, 18.9594, 29.5900

Tritanomaly

58.5786, 49.2590, 23.4313

Monochromacy



Original Color

58.7645, 45.9305, 29.7423

Achromatopsia

56.8457, -3.0331, 3.0885

Achromatomaly

56.2428, 11.9472, 14.0576

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.7645, 45.9305, 29.7423 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(255, 117, 78)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 78)  
}
```

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(255, 117, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 58.7645, 45.9305, 29.7423 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(255, 117, 78) }
```


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

```
.border{ border-color:rgb(255, 117, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 117, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 78);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
78) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.7645, 45.9305, 29.7423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 117, 78) }
```

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

```
.background{ background-color: rgb(255,  
117, 78) }
```

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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