

Converting Colors

HunterLab(57.9598, 46.9988,
31.2512)

Have a look what the booklet for
HunterLab(57.9598, 46.9988,
31.2512) contains.

HunterLab(58.0413, 46.7868, 31.3187)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(58.0413, 46.7868,
31.3187)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7242
RGB	255, 114, 66
RGB Percent	100%, 45%, 26%
CMY	0.0000, 0.5529, 0.7412
CMYK	0.00, 0.55, 0.74, 0.00
HSL	15°, 100%, 63%
HSV	15°, 74%, 100%
XYZ	48.2406, 33.6879, 9.1141
YIQ	150.6870, 99.4440, 14.9640

Conversions

Conversions Part 2

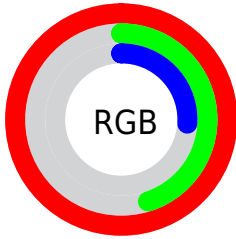
Format	Color
R_{YB}	255, 130, 66
Decimal	16740930
CIE Lab	64.72, 50.93, 51.68
CIE LCh	65, 72.552, 45.418
Yxy	33.6898, 0.5299, 0.3700
Android (android.graphics.Color)	4294931010 (0xFFFF7242)
YUV	150.6870, -41.7507, 91.4825
Hunter-Lab	58.0413, 46.7868, 31.3187

Details

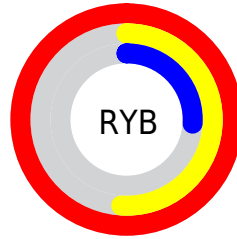
The HunterLab color **58.0413, 46.7868, 31.3187** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **72.8011, -22.9330, -32.5907**, and the grayscale version is **55.6401, -2.9688, 3.0230**.

A 20% lighter version of the original color is **71.3421, 21.7212, 30.6092**, and **37.8754, 43.0329, 23.3247** is the 20% darker color. If you saturate the color by 10%, you get **54.4044, 54.8063, 32.2464**, and if you desaturate by 10%, it is **62.2957, 38.6680, 29.5349**.

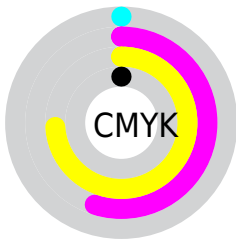
Distribution



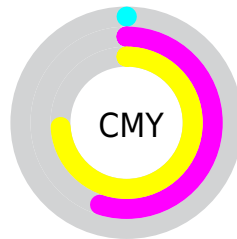
- Red (100%)
- Green (45%)
- Blue (26%)



- Red (100%)
- Yellow (51%)
- Blue (26%)



- Cyan (0%)
- Magenta (55%)
- Yellow (74%)
- Black (0%)





- Cyan (0%)
- Magenta (55%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 58.0413, 46.7868, 31.3187 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 58.0413, 46.7868, 31.3187 by changing the saturation by 10% instead.


 58.0413, 46.7868,
31.3187


 58.0413, 46.7868,
31.3187


178.5348, 57.8069,
60.3888


 47.5977, 45.0733,
27.4411


 80.9018, 49.8721,
38.5312


 37.8672, 43.2546,
23.3332


 93.2451, 51.2629,
41.9223


 28.9085, 41.3395,
19.0631


 106.1593, 52.5588,
45.2000

 20.7948, 39.3769,
14.5563

 119.6201, 53.7658,
48.3814

 13.6255, 37.5252,
9.5378

 133.6061, 54.8893,
51.4804

 7.2253, 39.1430,
5.0577

148.0984, 55.9343,

0.0000, INF, NaN

54.5085

0.0000, NaN, NaN

163.0798, 56.9055,
57.4753

0.0000, NaN, NaN

■ 58.0413, 46.7868,
31.3187

■ 58.0413, 46.7868,
31.3187

■ 54.4044, 54.8063,
32.2464

■ 62.2957, 38.6680,
29.5349

■ 51.4375, 62.3547,
32.2662

■ 67.0957, 30.7330,
27.0099

■ 50.0143, 66.3583,
31.9803

■ 72.3760, 23.1379,
23.8766

■ 78.0750, 15.9601,
20.2559

■ 84.1388, 9.2210,
16.2485

■ 90.5213, 2.9086,
11.9335

■ 97.1834, -3.0070,
7.3718

■ 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.



58.0429, 69.0287, 16.6803



58.0413, 46.7868, 31.3187



58.0429, 13.2389, 36.0728

Triad

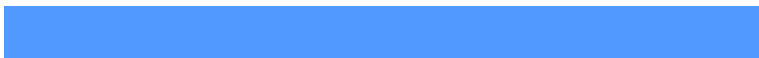
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.0429, 46.7822, 31.3195



58.0429, -51.4990, 16.0622



58.0429, 14.2034, -86.4864

Complementary

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



58.0413, 46.7868, 31.3187



72.8011, -22.9330, -32.5907

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.



58.0429, -17.8105, -86.9867



58.0413, 46.7868, 31.3187



58.0429, -51.3506, -14.6804

Square

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



58.0429, 46.7822, 31.3195



58.0429, -40.7846, 31.0785



58.0429, -40.3227, -55.9994



58.0429, 47.6190, -54.8669

Rectangle

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



58.0413, 46.7868, 31.3187



58.0429, -8.8033, 36.4604



58.0429, -40.3227, -55.9994



58.0429, 2.8321, -90.7028

Sweetspot

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



58.0429, 46.7822, 31.3195



85.4651, 7.8500, 15.3585



54.4961, 83.2836, -29.7103



38.7554, 4.4459, 7.6319

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.0429, 46.7822, 31.3195



52.8691, 58.5799, 32.3677



81.6352, -1.3519, 46.5359



43.2860, 0.0615, 4.5604



36.4286, 47.1350, 23.2723



12.0746, 12.6681, 7.6621

Inverse Universe

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



72.8011, -22.9330, -32.5907



68.9641, -20.8389, -39.2059



44.9940, 25.3197, -96.4983



44.3331, -4.5398, 0.1565



48.2896, -13.5178, -31.1767



15.6370, -5.0226, -8.7026

Previews

White Background



This preview shows how the HunterLab color 58.0413, 46.7868, 31.3187 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 58.0413, 46.7868, 31.3187 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 58.0413, 46.7868, 31.3187 Background



This preview shows how black text looks on a background with the HunterLab color 58.0413, 46.7868, 31.3187.



This preview shows how white text looks on a background with the HunterLab color 58.0413, 46.7868,

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

58.0413, 46.7868, 31.3187

Protanopia

58.3240, -6.9051, 28.2984

Deuteranopia

58.1755, 3.7727, 31.9685



Tritanopia

58.0484, 52.2486, 19.4943

Trichromacy



Original Color

58.0413, 46.7868, 31.3187

Protanomaly

57.0411, 11.3866, 28.6138

Deuteranomaly

57.4189, 18.8194, 31.2964

Tritanomaly

57.8884, 50.1855, 24.7141

Monochromacy



Original Color

58.0413, 46.7868, 31.3187

Achromatopsia

55.6299, -2.9683, 3.0225

Achromatomaly

55.0925, 12.0146, 15.0349

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.0413, 46.7868, 31.3187 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, 114, 66)` looks like.

```
.text, #text, p{  
    color:rgb(255, 114, 66)  
}
```

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, 114, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 114, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 58.0413, 46.7868, 31.3187 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, 114, 66) }
```


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

```
.border{ border-color:rgb(255, 114, 66) }
```

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

Here you see how a box with a 4 pixel rgb(255, 114, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 114, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 114, 66);  
box-shadow:4px 4px 4px 4px rgb(255, 114,  
66) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.0413, 46.7868, 31.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 114, 66) }
```

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

```
.background{ background-color: rgb(255,  
114, 66) }
```

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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