

Converting Colors

HunterLab(59.0491, 45.0928,
30.2172)

Have a look what the booklet for
HunterLab(59.0491, 45.0928,
30.2172) contains.

HunterLab(59.1519, 44.8815, 30.1973)	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(59.1519, 44.8815,
30.1973)**

Conversions

Conversions Part 1

Format	Color
Hex	FF774D
RGB	255, 119, 77
RGB Percent	100%, 47%, 30%
CMY	0.0000, 0.5333, 0.6980
CMYK	0.00, 0.53, 0.70, 0.00
HSL	14°, 100%, 65%
HSV	14°, 70%, 100%
XYZ	49.1764, 34.9895, 11.1829
YIQ	154.8760, 94.5380, 15.7700

Conversions

Conversions Part 2

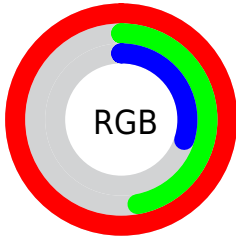
Format	Color
R _Y B	255, 132, 77
Decimal	16742221
CIE Lab	65.74, 49.06, 47.27
CIE LCh	66, 68.132, 43.933
Yxy	34.9914, 0.5157, 0.3670
Android (android.graphics.Color)	4294932301 (0xFFFF774D)
YUV	154.8760, -38.3929, 87.8087
Hunter-Lab	59.1519, 44.8815, 30.1973

Details

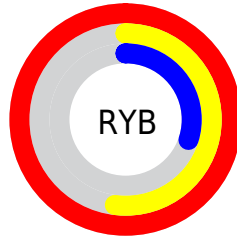
The HunterLab color **59.1519, 44.8815, 30.1973** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **75.0881, -24.6610, -28.8651**, and the grayscale version is **57.3271, -3.0588, 3.1147**.

A 20% lighter version of the original color is **72.8633, 20.1439, 28.6329**, and **38.8275, 41.6977, 22.8803** is the 20% darker color. If you saturate the color by 10%, you get **55.2513, 53.0859, 31.5515**, and if you desaturate by 10%, it is **63.6767, 36.6376, 28.0525**.

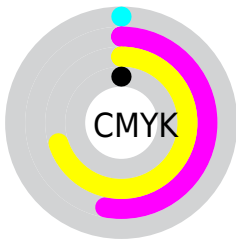
Distribution



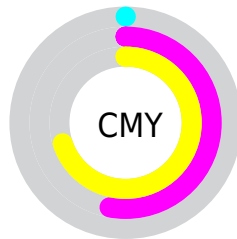
- Red (100%)
- Green (47%)
- Blue (30%)



- Red (100%)
- Yellow (52%)
- Blue (30%)



- Cyan (0%)
- Magenta (53%)
- Yellow (70%)
- Black (0%)





- Cyan (0%)
- Magenta (53%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 59.1519, 44.8815, 30.1973 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 59.1519, 44.8815, 30.1973 by changing the saturation by 10% instead.


 59.1519, 44.8815,
30.1973


 59.1519, 44.8815,
30.1973


180.1473, 55.2678,
57.0851


 48.6377, 43.2427,
26.6413


 82.1416, 47.8169,
36.8261


 38.8315, 41.4953,
22.8747


 94.5448, 49.1340,
39.9515


 29.7905, 39.6428,
18.8552


 107.5161, 50.3578,
42.9785

 21.5860, 37.7211,
15.1102

 121.0317, 51.4941,
45.9224

 14.3141, 35.8517,
10.0199

 135.0706, 52.5484,
48.7956

 7.9729, 35.5987,
5.5810

149.6138, 53.5259,

0.0000, INF, NaN

51.6084

0.0000, NaN, NaN

164.6444, 54.4310,
54.3692

0.0000, NaN, NaN

■ 59.1519, 44.8815,
30.1973

■ 59.1519, 44.8815,
30.1973

■ 55.2513, 53.0859,
31.5515

■ 63.6767, 36.6376,
28.0525

■ 52.0368, 60.8898,
32.0172

■ 68.7479, 28.6186,
25.2503


■ 49.5499, 67.7885,
31.7019

■ 74.2970, 20.9618,
21.9252

■ 49.5080, 67.9099,
31.6955

■ 80.2610, 13.7292,
18.1918

■ 86.5852, 6.9314,
14.1406

 93.2238, 0.5494,
9.8407

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.



59.1535, 64.6161, 15.0635



59.1519, 44.8815, 30.1973



59.1535, 13.8309, 35.5449

Triad

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



59.1535, 44.8770, 30.1981



59.1535, -49.3533, 16.5882



59.1535, 11.5223, -79.6994

Complementary

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



59.1519, 44.8815, 30.1973



75.0881, -24.6610, -28.8651

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.



59.1535, -18.4252, -78.5509



59.1519, 44.8815, 30.1973



59.1535, -49.7244, -11.7284

Square

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



59.1535, 44.8770, 30.1981



59.1535, -38.3764, 30.8299



59.1535, -39.5188, -49.5353



59.1535, 42.8964, -52.1605

Rectangle

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



59.1519, 44.8815, 30.1973



59.1535, -7.1003, 36.1086



59.1535, -39.5188, -49.5353



59.1535, 0.8873, -82.9641

Sweetspot

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



59.1535, 44.8770, 30.1981



85.8113, 7.7224, 14.6398



56.0318, 80.2260, -31.0092



38.8819, 4.4279, 7.2993

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



59.1535, 44.8770, 30.1981



53.8154, 56.4362, 31.8577



81.6579, -0.7676, 45.2057



43.2235, 0.1688, 4.4918



36.0498, 48.2833, 23.0590



11.9354, 13.0558, 7.5831

Inverse Universe

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



75.0881, -24.6610, -28.8651



71.4751, -23.5475, -34.8486



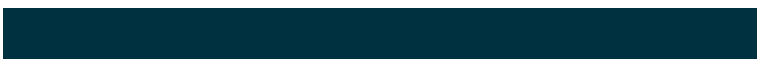
48.3017, 20.3396, -86.0102



44.3982, -4.6447, 0.2345



49.3619, -15.0432, -29.2241



15.9354, -5.4354, -8.1844

Previews

White Background



This preview shows how the HunterLab color 59.1519, 44.8815, 30.1973 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 59.1519, 44.8815, 30.1973 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 59.1519, 44.8815, 30.1973 Background



This preview shows how black text looks on a background with the HunterLab color 59.1519, 44.8815, 30.1973.



This preview shows how white text looks on a background with the HunterLab color 59.1519, 44.8815,

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

59.1519, 44.8815, 30.1973

Protanopia

59.2681, -6.2483, 26.5101

Deuteranopia

59.0800, 4.2371, 30.6640



Tritanopia

59.1198, 50.3608, 18.5182

Trichromacy



Original Color

59.1519, 44.8815, 30.1973

Protanomaly

58.2253, 11.4806, 27.1140

Deuteranomaly

58.5639, 18.8038, 30.0345

Tritanomaly

58.9842, 48.3523, 23.4859

Monochromacy



Original Color

59.1519, 44.8815, 30.1973

Achromatopsia

57.2519, -3.0548, 3.1106

Achromatomaly

56.5285, 11.5620, 13.9754

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.1519, 44.8815, 30.1973 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, 119, 77)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 77)  
}
```

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, 119, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 59.1519, 44.8815, 30.1973 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, 119, 77) }
```


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

```
.border{ border-color:rgb(255, 119, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 119, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 77);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
77) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.1519, 44.8815, 30.1973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 119, 77) }
```

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

```
.background{ background-color: rgb(255,  
119, 77) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor