

# Converting Colors

HunterLab(59.5724, 48.1741,  
33.6642)

Have a look what the booklet for  
HunterLab(59.5724, 48.1741,  
33.6642) contains.

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# Color

**HunterLab(58.3491, 45.4143,  
32.8162)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7439
RGB	255, 116, 57
RGB Percent	100%, 45%, 22%
CMY	0.0000, 0.5451, 0.7765
CMYK	0.00, 0.55, 0.78, 0.00
HSL	18°, 100%, 61%
HSV	18°, 78%, 100%
XYZ	48.2239, 34.0462, 7.9008
YIQ	150.8350, 101.7830, 11.1190

# Conversions

## Conversions Part 2

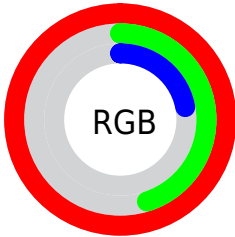
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 141, 57
Decimal	16741433
CIE Lab	65.00, 49.65, 56.24
CIE LCh	65, 75.018, 48.558
Yxy	34.0481, 0.5348, 0.3776
Android (android.graphics.Color)	4294931513 (0xFFFF7439)
YUV	150.8350, -46.2607, 91.3527
Hunter-Lab	58.3491, 45.4143, 32.8162

# Details

The HunterLab color **58.3491, 45.4143, 32.8162** 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 **68.9682, -18.5260, -39.1574**, and the grayscale version is **55.7170, -2.9729, 3.0272**.

A 20% lighter version of the original color is **71.7416, 20.0300, 32.8325**, and **38.1072, 42.0243, 24.2172** is the 20% darker color. If you saturate the color by 10%, you get **54.8790, 53.1637, 33.3087**, and if you desaturate by 10%, it is **62.3713, 37.6492, 31.4083**.

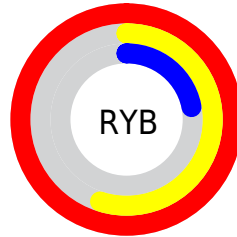
# Distribution



Red (100%)

Green (45%)

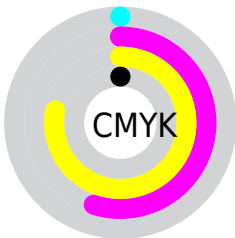
Blue (22%)



Red (100%)

Yellow (55%)

Blue (22%)

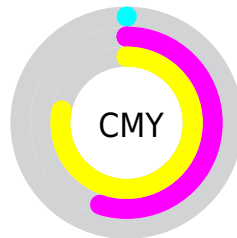


Cyan (0%)

Magenta (55%)

Yellow (78%)

Black (0%)



Cyan (0%)

Magenta (55%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.3491, 45.4143, 32.8162 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 58.3491, 45.4143, 32.8162 by changing the saturation by 10% instead.



58.3491, 45.4143,  
32.8162

58.3491, 45.4143,  
32.8162

178.9822, 56.0333,  
64.0499

47.8858, 43.7469,  
28.6356

81.2456, 48.4060,  
40.5925

38.1343, 41.9721,  
24.2138

93.6056, 49.7505,  
44.2448

29.1526, 40.0956,  
19.8223

106.5356, 51.0008,  
47.7710

21.0136, 38.1592,  
14.7095

120.0117, 52.1630,  
51.1894

13.8156, 36.3020,  
9.6709

134.0124, 53.2425,  
54.5150

7.4405, 37.2187,  
5.2083

148.5188, 54.2444,

0.0000, INF, NaN

57.7603

0.0000, NaN, NaN

163.5139, 55.1733,  
60.9357

0.0000, NaN, NaN

■ 58.3491, 45.4143,  
32.8162

■ 58.3491, 45.4143,  
32.8162

■ 54.8790, 53.1637,  
33.3087

■ 62.3713, 37.6492,  
31.4083

■ 52.0008, 60.5720,  
32.9065

■ 66.8860, 30.1133,  
29.1655

■ 51.4082, 62.2011,  
32.7664

■ 71.8388, 22.9399,  
26.2039

■ 77.1773, 16.1958,  
22.6407

■ 82.8548, 9.8988,  
18.5804

■ 88.8305, 4.0372,  
14.1107

■ 95.0697, -1.4174,  
9.3026

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.



58.3507, 70.5369, 19.3811



58.3491, 45.4143, 32.8162



58.3507, 10.0897, 36.8461

# Triad

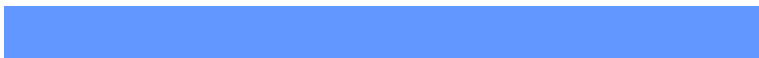
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.3507, 45.4097, 32.8170



58.3507, -53.4142, 13.9807



58.3507, 18.6131, -88.6493

# Complementary

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



58.3491, 45.4143, 32.8162



68.9682, -18.5260, -39.1574

# 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.



58.3507, -15.2437, -93.1419



58.3491, 45.4143, 32.8162



58.3507, -52.1256, -19.6344

# Square

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



58.3507, 45.4097, 32.8170



58.3507, -43.6611, 30.7622



58.3507, -39.6303, -63.1111



58.3507, 52.8374, -52.9779



# Rectangle

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



58.3491, 45.4143, 32.8162



58.3507, -12.3121, 36.9639



58.3507, -39.6303, -63.1111



58.3507, 6.6861, -94.3820

# Sweetspot

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



58.3507, 45.4097, 32.8170



85.5967, 7.1227, 16.5500



53.2026, 84.7161, -25.8811



38.6122, 4.2902, 8.3906

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



58.3507, 45.4097, 32.8170



53.2627, 57.2003, 33.1917



82.8807, -3.8735, 48.2336



43.4388, -0.2003, 4.7277



37.4629, 44.0842, 23.8562



12.4392, 11.6807, 7.8694

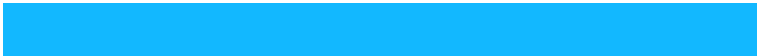


# Inverse Universe

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



68.9682, -18.5260, -39.1574



64.6245, -15.0249, -47.2400



41.4551, 32.0215, -109.2040



44.1742, -4.2832, -0.0343



45.7089, -9.7302, -36.1274



14.9170, -4.0004, -10.0093



# Previews

## White Background



This preview shows how the HunterLab color 58.3491, 45.4143, 32.8162 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 58.3491, 45.4143, 32.8162 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 58.3491, 45.4143, 32.8162 Background



This preview shows how black text looks on a background with the HunterLab color 58.3491, 45.4143, 32.8162.



This preview shows how white text looks on a background with the HunterLab color 58.3491, 45.4143,



# 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

58.3491, 45.4143, 32.8162

### Protanopia

58.4068, -6.8429, 30.1548

### Deuteranopia

58.3298, 4.1361, 33.2814



## Tritanopia

58.2554, 51.8537, 19.3605

# Trichromacy



## Original Color

58.3491, 45.4143, 32.8162

## Protanomaly

57.4506, 11.1694, 30.4352

## Deuteranomaly

57.8585, 18.7568, 32.7710

## Tritanomaly

58.2364, 49.0619, 25.4774

# Monochromacy



## Original Color

58.3491, 45.4143, 32.8162

## Achromatopsia

55.6299, -2.9683, 3.0225

## Achromatomaly

55.0274, 11.6753, 15.9787

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 58.3491, 45.4143, 32.8162 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, 116, 57)` looks like.

```
.text, #text, p{  
    color:rgb(255, 116, 57)  
}
```

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, 116, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 116, 57) }
```

## Border

The CSS property to change the border of an element to HunterLab 58.3491, 45.4143, 32.8162 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, 116, 57) }
```



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

```
.border{ border-color:rgb(255, 116, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 116, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 116, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 116, 57);  
box-shadow:4px 4px 4px 4px rgb(255, 116,  
57) }
```

# Background

The CSS property to change the background color of an element to HunterLab 58.3491, 45.4143, 32.8162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 116, 57) }
```

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

```
.background{ background-color: rgb(255,  
116, 57) }
```

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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