

# Converting Colors

HunterLab(58.3500, 45.0484,  
33.5665)

Have a look what the booklet for  
HunterLab(58.3500, 45.0484,  
33.5665) contains.

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# Color

**HunterLab(58.3008, 45.1896,  
33.5307)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7433
RGB	255, 116, 51
RGB Percent	100%, 45%, 20%
CMY	0.0000, 0.5451, 0.8000
CMYK	0.00, 0.55, 0.80, 0.00
HSL	19°, 100%, 60%
HSV	19°, 80%, 100%
XYZ	48.0830, 33.9898, 7.1584
YIQ	150.1510, 103.7090, 9.2530

# Conversions

## Conversions Part 2

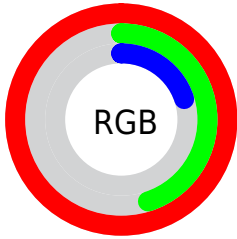
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 146, 51
Decimal	16741427
CIE Lab	64.96, 49.46, 58.86
CIE LCh	65, 76.876, 49.961
Yxy	33.9917, 0.5388, 0.3809
Android (android.graphics.Color)	4294931507 (0xFFFF7433)
YUV	150.1510, -48.8814, 91.9526
Hunter-Lab	58.3008, 45.1896, 33.5307

# Details

The HunterLab color **58.3008, 45.1896, 33.5307** 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 **66.8935, -16.1253, -42.9163**, and the grayscale version is **55.4501, -2.9587, 3.0127**.

A 20% lighter version of the original color is **71.6555, 19.5870, 34.0956**, and **38.1072, 42.0243, 24.2172** is the 20% darker color. If you saturate the color by 10%, you get **54.9426, 52.8035, 33.7564**, and if you desaturate by 10%, it is **62.1842, 37.5785, 32.3687**.

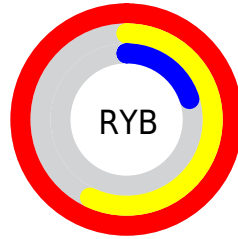
# Distribution



Red (100%)

Green (45%)

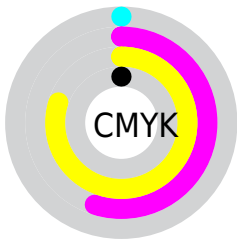
Blue (20%)



Red (100%)

Yellow (57%)

Blue (20%)

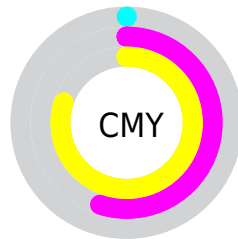


Cyan (0%)

Magenta (55%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (55%)


Yellow (80%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.3008, 45.1896, 33.5307 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 58.3008, 45.1896, 33.5307 by changing the saturation by 10% instead.





 58.3008, 45.1896,  
33.5307


 58.3008, 45.1896,  
33.5307


178.9120, 55.7535,  
66.0323

 47.8406, 43.5284,  
29.1734


 81.1916, 48.1687,  
41.6372


 38.0923, 41.7595,  
24.5703


 93.5490, 49.5068,  
45.4427


 29.1143, 39.8883,  
20.1790


 106.4766, 50.7509,  
49.1147

 20.9792, 37.9559,  
14.6855

 119.9502, 51.9069,  
52.6722

 13.7857, 36.1004,  
9.6500

 133.9487, 52.9804,  
56.1306

 7.4072, 37.0843,  
5.1850

 148.4529, 53.9763,

0.0000, INF, NaN

59.5031

0.0000, NaN, NaN

163.4458, 54.8993,  
62.8006

0.0000, NaN, NaN

■ 58.3008, 45.1896,  
33.5307

■ 58.3008, 45.1896,  
33.5307

■ 54.9426, 52.8035,  
33.7564

■ 62.1842, 37.5785,  
32.3687

■ 52.1379, 60.0880,  
33.1790

■ 66.5389, 30.2052,  
30.3284

■ 52.1377, 60.0885,  
33.1789

■ 71.3154, 23.1986,  
27.5145

■ 76.4653, 16.6244,  
24.0402

■ 81.9445, 10.5016,  
20.0112

■ 87.7147, 4.8198,  
15.5188

■ 93.7427, -0.4479,  
10.6388

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.



58.3024, 71.9369, 20.6624



58.3008, 45.1896, 33.5307



58.3024, 8.7255, 37.2038

# Triad

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



58.3024, 45.1850, 33.5315



58.3024, -54.5334, 13.0070



58.3024, 20.9245, -90.7631

# Complementary

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



58.3008, 45.1896, 33.5307



66.8935, -16.1253, -42.9163

# 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.



58.3024, -14.0782, -97.2801



58.3008, 45.1896, 33.5307



58.3024, -52.7162, -22.2988

# Square

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



58.3024, 45.1850, 33.5315



58.3024, -45.1984, 30.6799



58.3024, -39.4918, -67.3388



58.3024, 55.8549, -52.6834



# Rectangle

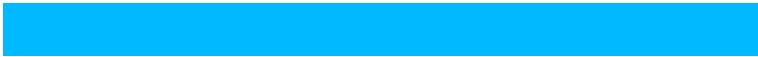
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.3008, 45.1896, 33.5307



58.3024, -13.9970, 37.2068



58.3024, -39.4918, -67.3388



58.3024, 8.6309, -97.3151

# Sweetspot

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



58.3024, 45.1850, 33.5315



85.3738, 7.0416, 17.3666



52.3096, 85.0887, -21.7537



38.5500, 4.1998, 8.7701

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



58.3024, 45.1850, 33.5315



53.1942, 57.2518, 33.4538



84.5189, -6.8187, 49.7635



43.5106, -0.3231, 4.8062



38.0005, 42.5450, 24.1606



12.6219, 11.2004, 7.9736

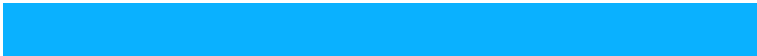


# Inverse Universe

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



66.8935, -16.1253, -42.9163



62.2306, -11.6717, -51.9954



38.6903, 38.1180, -120.4704



44.0997, -4.1626, -0.1239



44.5188, -7.9220, -38.5433



14.5838, -3.5138, -10.6432



# Previews

## White Background



This preview shows how the HunterLab color 58.3008, 45.1896, 33.5307 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 58.3008, 45.1896, 33.5307 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 58.3008, 45.1896, 33.5307 Background



This preview shows how black text looks on a background with the HunterLab color 58.3008, 45.1896, 33.5307.



This preview shows how white text looks on a background with the HunterLab color 58.3008, 45.1896,



# 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

58.3008, 45.1896, 33.5307

### Protanopia

58.3366, -7.2318, 31.1882

### Deuteranopia

58.3963, 4.2583, 34.1093



## Tritanopia

58.2554, 51.8537, 19.3605

# Trichromacy



## Original Color

58.3008, 45.1896, 33.5307

## Protanomaly

57.3843, 10.8223, 31.4135

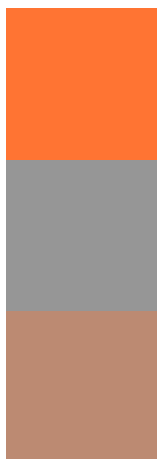
## Deuteranomaly

57.8026, 18.4718, 33.5968

## Tritanomaly

58.2052, 48.9187, 25.9351

# Monochromacy



## Original Color

58.3008, 45.1896, 33.5307

## Achromatopsia

55.2257, -2.9467, 3.0005

## Achromatomaly

54.8482, 10.9721, 16.7805

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 58.3008, 45.1896, 33.5307 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, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 116, 51)  
}
```

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, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 116, 51) }
```

## Border

The CSS property to change the border of an element to HunterLab 58.3008, 45.1896, 33.5307 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, 51) }
```



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

```
.border{ border-color:rgb(255, 116, 51) }
```

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, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 116, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 116, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 116,  
51) }
```

# Background

The CSS property to change the background color of an element to HunterLab 58.3008, 45.1896, 33.5307 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, 51) }
```

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

```
.background{ background-color: rgb(255,  
116, 51) }
```

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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