

# Converting Colors

HunterLab(58.7100, 42.9375,  
36.4591)

Have a look what the booklet for  
HunterLab(58.7100, 42.9375,  
36.4591) contains.

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# Color

**HunterLab(58.7266, 42.8909,  
36.4817)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF770F
RGB	255, 119, 15
RGB Percent	100%, 47%, 6%
CMY	0.0000, 0.5333, 0.9412
CMYK	0.00, 0.53, 0.94, 0.00
HSL	26°, 100%, 53%
HSV	26°, 94%, 100%
XYZ	47.9230, 34.4881, 4.5830
YIQ	147.8080, 114.4400, -3.5120

# Conversions

## Conversions Part 2

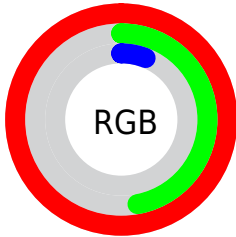
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 199, 15
Decimal	16742159
CIE Lab	65.35, 47.32, 70.68
CIE LCh	65, 85.060, 56.202
Yxy	34.4901, 0.5509, 0.3964
Android (android.graphics.Color)	4294932239 (0xFFFF770F)
YUV	147.8080, -65.4743, 94.0074
Hunter-Lab	58.7266, 42.8909, 36.4817

# Details

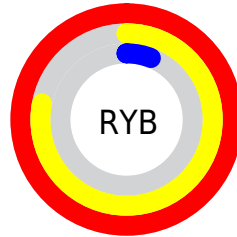
The HunterLab color **58.7266, 42.8909, 36.4817** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **54.2710, 1.4372, -69.8895**, and the grayscale version is **54.5659, -2.9115, 2.9647**.

A 20% lighter version of the original color is **72.1581, 16.4964, 38.9832**, and **38.5274, 39.9875, 24.4404** is the 20% darker color. If you saturate the color by 10%, you get **57.0273, 46.9099, 35.9612**, and if you desaturate by 10%, it is **61.9009, 36.0910, 36.8086**.

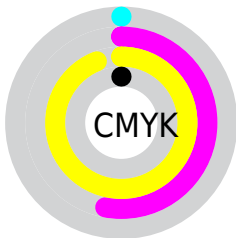
# Distribution



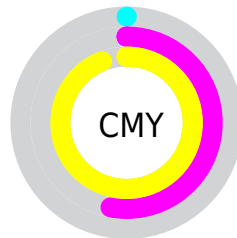
- Red (100%)
- Green (47%)
- Blue (6%)



- Red (100%)
- Yellow (78%)
- Blue (6%)



- Cyan (0%)
- Magenta (53%)
- Yellow (94%)
- Black (0%)



- Cyan (0%)
- Magenta (53%)
- Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.7266, 42.8909, 36.4817 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 58.7266, 42.8909, 36.4817 by changing the saturation by 10% instead.



58.7266, 42.8909,  
36.4817

58.7266, 42.8909,  
36.4817

179.5304, 52.7810,  
74.6457

48.2393, 41.3082,  
31.3701

81.6670, 45.7118,  
46.0340

38.4620, 39.6149,  
26.1146

94.0474, 46.9721,  
50.5201

29.4523, 37.8120,  
20.6166

106.9969, 48.1396,  
54.8440

21.2824, 35.9301,  
14.8977

120.4916, 49.2205,  
59.0259

14.0496, 34.0801,  
9.8347

134.5102, 50.2202,  
63.0831

7.6957, 34.2468,  
5.3870

149.0340, 51.1440,

0.0000, INF, NaN

67.0306

0.0000, NaN, NaN

164.0459, 51.9962,  
70.8811

0.0000, NaN, NaN

58.7266, 42.8909,  
36.4817

58.7266, 42.8909,  
36.4817

57.0273, 46.9099,  
35.9612

61.9009, 36.0910,  
36.8086

65.4248, 29.5583,  
36.1602

69.2751, 23.4058,  
34.5277

73.4248, 17.6976,  
31.9627

77.8467, 12.4597,  
28.5442

82.5152, 7.6917,  
24.3598

87.4070, 3.3767,  
19.4956

92.5009, -0.5118,  
14.0314

97.7783, -4.0051,  
8.0384

# Harmonies

## Analogous

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



58.7282, 77.1106, 26.2253



58.7266, 42.8909, 36.4817



58.7282, 1.7441, 38.7753

# Triad

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



58.7282, 42.8862, 36.4824



58.7282, -59.3884, 7.5849



58.7282, 32.4306, -98.4769

# Complementary

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



58.7266, 42.8909, 36.4817



54.2710, 1.4372, -69.8895

# 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.



58.7282, -7.8632, -115.6771



58.7266, 42.8909, 36.4817



58.7282, -55.0632, -36.1420

# Square

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



58.7282, 42.8862, 36.4824



58.7282, -52.0625, 30.0781



58.7282, -38.2740, -87.8632



58.7282, 70.0825, -49.5728



# Rectangle

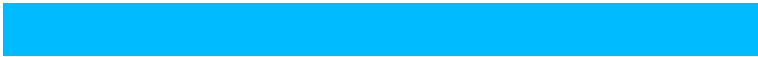
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.7266, 42.8909, 36.4817



58.7282, -22.0302, 38.3481



58.7282, -38.2740, -87.8632



58.7282, 18.4955, -109.1037

# Sweetspot

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



58.7282, 42.8862, 36.4824



85.4820, 5.0007, 21.4607



48.8222, 86.3867, -3.9602



38.5756, 3.1840, 10.8870

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



58.7282, 42.8862, 36.4824



57.0276, 46.9101, 35.9614



91.1192, -18.0358, 55.5372



43.9111, -1.0038, 5.2417



41.5655, 33.0442, 26.1910



13.7642, 8.3931, 8.6284



# Inverse Universe

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



54.2710, 1.4372, -69.8895



52.2651, 4.4994, -75.0397



28.8128, 65.6566, -175.7751



43.6877, -3.4919, -0.6229



38.1785, 2.5389, -53.2005



12.7928, -0.7191, -14.4375



# Previews

## White Background



This preview shows how the HunterLab color 58.7266, 42.8909, 36.4817 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 58.7266, 42.8909, 36.4817 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 58.7266, 42.8909, 36.4817 Background



This preview shows how black text looks on a background with the HunterLab color 58.7266, 42.8909, 36.4817.



This preview shows how white text looks on a background with the HunterLab color 58.7266, 42.8909,



# 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

58.7266, 42.8909, 36.4817

### Protanopia

58.7059, -7.8748, 34.9269

### Deuteranopia

58.7799, 3.8893, 36.2880



## Tritanopia

58.6739, 51.0609, 19.0926

# Trichromacy



## Original Color

58.7266, 42.8909, 36.4817

## Protanomaly

57.6834, 10.0220, 34.8865

## Deuteranomaly

58.1793, 18.0838, 36.0201

## Tritanomaly

58.4215, 47.1516, 28.7232

# Monochromacy



## Original Color

58.7266, 42.8909, 36.4817

## Achromatopsia

54.4186, -2.9036, 2.9567

## Achromatomaly

54.1998, 9.6799, 20.3783

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 58.7266, 42.8909, 36.4817 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, 15)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 15)  
}
```

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, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 15) }
```

## Border

The CSS property to change the border of an element to HunterLab 58.7266, 42.8909, 36.4817 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, 15) }
```



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

```
.border{ border-color:rgb(255, 119, 15) }
```

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, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 15);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
15) }
```

# Background

The CSS property to change the background color of an element to HunterLab 58.7266, 42.8909, 36.4817 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, 15) }
```

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

```
.background{ background-color: rgb(255,  
119, 15) }
```

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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