

Converting Colors

HunterLab(59.5064, 40.9964,
36.9434)

Have a look what the booklet for
HunterLab(59.5064, 40.9964,
36.9434) contains.

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Color

**HunterLab(59.5486, 40.8988,
36.9596)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7B0F
RGB	255, 123, 15
RGB Percent	100%, 48%, 6%
CMY	0.0000, 0.5176, 0.9411
CMYK	0.00, 0.52, 0.94, 0.00
HSL	27°, 100%, 53%
HSV	27°, 94%, 100%
XYZ	48.4091, 35.4604, 4.7450
YIQ	150.1560, 113.3400, -5.6040

Conversions

Conversions Part 2

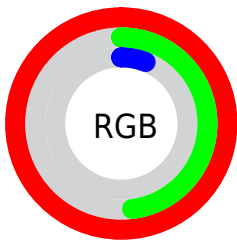
Format	Color
R _Y B	255, 211, 15
Decimal	16743183
CIE Lab	66.11, 45.39, 71.18
CIE LCh	66, 84.422, 57.474
Yxy	35.4623, 0.5463, 0.4002
Android (android.graphics.Color)	4294933263 (0xFFFF7B0F)
YUV	150.1560, -66.6319, 91.9482
Hunter-Lab	59.5486, 40.8988, 36.9596

Details

The HunterLab color **59.5486, 40.8988, 36.9596** 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 **53.0926, 3.5126, -72.8734**, and the grayscale version is **55.5189, -2.9623, 3.0164**.

A 20% lighter version of the original color is **73.2467, 14.4675, 39.5532**, and **39.1503, 38.2914, 24.7946** is the 20% darker color. If you saturate the color by 10%, you get **57.8493, 44.8436, 36.4316**, and if you desaturate by 10%, it is **62.7034, 34.2617, 37.2961**.

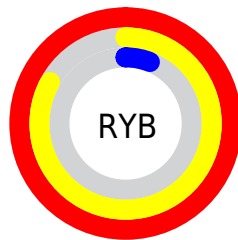
Distribution



Red (100%)

Green (48%)

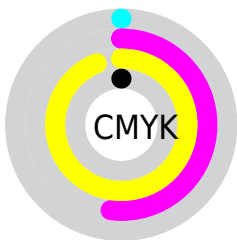
Blue (6%)



Red (100%)

Yellow (83%)

Blue (6%)

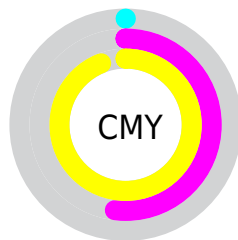


Cyan (0%)

Magenta (52%)

Yellow (94%)

Black (0%)



Cyan (0%)

Magenta (52%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 59.5486, 40.8988, 36.9596 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 59.5486, 40.8988, 36.9596 by changing the saturation by 10% instead.


 59.5486, 40.8988,
36.9596


 59.5486, 40.8988,
36.9596


180.7220, 50.1457,
75.2657


 49.0094, 39.3934,
31.8354


 82.5841, 43.5665,
46.5403


 39.1764, 37.7755,
26.5437


 95.0085, 44.7521,
51.0419


 30.1063, 36.0422,
21.0744


 108.0001, 45.8463,
55.3818

 21.8698, 34.2148,
15.3089

 121.5352, 46.8556,
59.5799

 14.5617, 32.3778,
10.1932

 135.5927, 47.7854,
63.6536

 8.2224, 31.5705,
5.7557

 150.1540, 48.6408,

0.0000, INF, NaN

67.6176

0.0000, NaN, NaN

165.2022, 49.4262,
71.4847

0.0000, NaN, NaN

59.5486, 40.8988,
36.9596

59.5486, 40.8988,
36.9596

57.8493, 44.8436,
36.4316

62.7034, 34.2617,
37.2961

66.1853, 27.9219,
36.6537

69.9740, 21.9794,
35.0187

74.0453, 16.4897,
32.4375

78.3745, 11.4737,
28.9841

82.9385, 6.9286,
24.7426

87.7156, 2.8367,
19.7969

92.6865, -0.8285,
14.2257

97.8339, -4.0978,
8.1000

Harmonies

Analogous

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



59.5502, 75.5004, 27.0424



59.5486, 40.8988, 36.9596



59.5502, 0.0401, 39.1459

Triad

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



59.5502, 40.8942, 36.9603



59.5502, -59.5655, 6.1943



59.5502, 33.9800, -95.7605

Complementary

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



59.5486, 40.8988, 36.9596



53.0926, 3.5126, -72.8734

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.



59.5502, -6.3343, -114.5354



59.5486, 40.8988, 36.9596



59.5502, -54.7095, -38.0186

Square

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



59.5502, 40.8942, 36.9603



59.5502, -52.7022, 29.6320



59.5502, -37.2831, -88.7929



59.5502, 70.8620, -46.8652

Rectangle

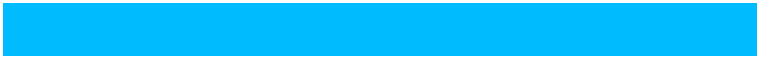
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.5486, 40.8988, 36.9596



59.5502, -23.3723, 38.6037



59.5502, -37.2831, -88.7929



59.5502, 20.1209, -106.7566

Sweetspot

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



59.5502, 40.8942, 36.9603



85.8360, 4.3742, 21.7969



48.6912, 85.9073, -2.1064



38.7620, 2.8497, 11.0583

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



59.5502, 40.8942, 36.9603



57.8496, 44.8438, 36.4317



92.4095, -19.9815, 56.3024



43.9695, -1.1025, 5.3049



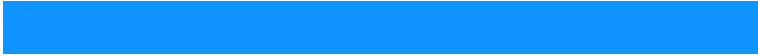
42.1604, 31.5649, 26.5317



13.9470, 7.9718, 8.7336

Inverse Universe

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



53.0926, 3.5126, -72.8734



51.0370, 6.7392, -78.3397



28.4705, 67.0366, -178.3022



43.6280, -3.3943, -0.6955



37.3004, 4.1224, -55.5212



12.5419, -0.2989, -15.0310

Previews

White Background



This preview shows how the HunterLab color 59.5486, 40.8988, 36.9596 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 59.5486, 40.8988, 36.9596 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 59.5486, 40.8988, 36.9596 Background



This preview shows how black text looks on a background with the HunterLab color 59.5486, 40.8988, 36.9596.



This preview shows how white text looks on a background with the HunterLab color 59.5486, 40.8988,

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

59.5486, 40.8988, 36.9596

Protanopia

59.7898, -8.5424, 35.6033

Deuteranopia

59.5642, 3.7056, 36.7681



Tritanopia

59.5297, 49.4646, 18.5559

Trichromacy



Original Color

59.5486, 40.8988, 36.9596

Protanomaly

58.8656, 8.4446, 35.6041

Deuteranomaly

59.0648, 16.9905, 36.5488

Tritanomaly

59.2400, 45.2922, 28.9017

Monochromacy



Original Color

59.5486, 40.8988, 36.9596

Achromatopsia

55.2257, -2.9467, 3.0005

Achromatomaly

55.1245, 8.6613, 20.8768

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.5486, 40.8988, 36.9596 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, 123, 15)` looks like.

```
.text, #text, p{  
    color:rgb(255, 123, 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, 123, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 123, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 59.5486, 40.8988, 36.9596 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, 123, 15) }
```


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

```
.border{ border-color:rgb(255, 123, 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, 123, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 123, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 123, 15);  
box-shadow:4px 4px 4px 4px rgb(255, 123,  
15) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.5486, 40.8988, 36.9596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 123, 15) }
```

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

```
.background{ background-color: rgb(255,  
123, 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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