

Converting Colors

HunterLab(59.5802, 40.6175,
37.4219)

Have a look what the booklet for
HunterLab(59.5802, 40.6175,
37.4219) contains.

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Color

**HunterLab(59.5197, 40.7615,
37.3893)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7B00
RGB	255, 123, 0
RGB Percent	100%, 48%, 0%
CMY	0.0000, 0.5176, 1.0000
CMYK	0.00, 0.52, 1.00, 0.00
HSL	29°, 100%, 50%
HSV	29°, 100%, 100%
XYZ	48.3230, 35.4259, 4.2911
YIQ	148.4460, 118.1550, -10.2690

Conversions

Conversions Part 2

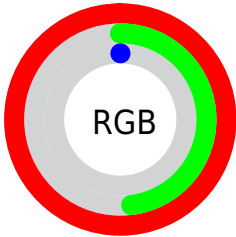
Format	Color
R_{YB}	255, 238, 0
Decimal	16743168
CIE _{Lab}	66.08, 45.27, 73.45
CIE _{LCh}	66, 86.284, 58.354
Yxy	35.4279, 0.5489, 0.4024
Android (android.graphics.Color)	4294933248 (0xFFFF7B00)
YUV	148.4460, -73.1839, 93.4479
Hunter-Lab	59.5197, 40.7615, 37.3893

Details

The HunterLab color **59.5197, 40.7615, 37.3893** 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 **48.7062, 11.1545, -84.9571**, and the grayscale version is **54.8526, -2.9268, 2.9802**.

A 20% lighter version of the original color is **73.1906, 14.1740, 40.3814**, and **39.1503, 38.2914, 24.7946** is the 20% darker color. If you saturate the color by 10%, you get **59.5201, 40.7597, 37.3896**, and if you desaturate by 10%, it is **62.4494, 34.3559, 38.1816**.

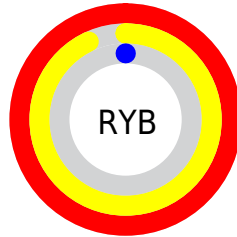
Distribution



Red (100%)

Green (48%)

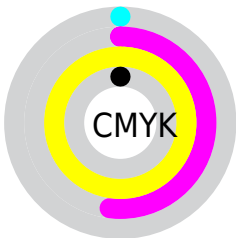
Blue (0%)



Red (100%)

Yellow (93%)

Blue (0%)

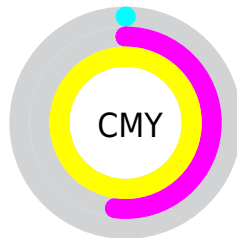


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (0%)



Cyan (0%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.5197, 40.7615, 37.3893 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 59.5197, 40.7615, 37.3893 by changing the saturation by 10% instead.

59.5197, 40.7615,
37.3893

59.5197, 40.7615,
37.3893

180.6801, 49.9728,
76.7898

48.9823, 39.2602,
32.1250

82.5519, 43.4209,
47.2451

39.1512, 37.6463,
26.7711

94.9747, 44.6024,
51.8778

30.0833, 35.9168,
21.0583

107.9648, 45.6927,
56.3439

21.8491, 34.0925,
15.2944

121.4985, 46.6980,
60.6634

14.5437, 32.2575,
10.1806

135.5547, 47.6239,
64.8536

8.2045, 31.4698,
5.7432

150.1147, 48.4754,

0.0000, INF, NaN

68.9297

0.0000, NaN, NaN

165.1616, 49.2571,
72.9047

0.0000, NaN, NaN

59.5197, 40.7615,
37.3893

59.5197, 40.7615,
37.3893

59.5201, 40.7597,
37.3896

62.4494, 34.3559,
38.1816

65.6682, 28.1932,
38.1291

69.1693, 22.4095,
37.0731

72.9345, 17.0697,
35.0197

76.9439, 12.2028,
32.0194

81.1776, 7.8134,
28.1434

85.6170, 3.8894,
23.4705

90.2444, 0.4087,
18.0792

95.0441, -2.6566,
12.0432

Harmonies

Analogous

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



59.5214, 76.7935, 27.8866



59.5197, 40.7615, 37.3893



59.5214, -1.0421, 39.3759

Triad

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



59.5214, 40.7569, 37.3900



59.5214, -60.4913, 5.2234



59.5214, 36.1307, -97.7337

Complementary

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



59.5197, 40.7615, 37.3893



48.7062, 11.1545, -84.9571

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.



59.5214, -5.2863, -118.5292



59.5197, 40.7615, 37.3893



59.5214, -55.2424, -40.7371

Square

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



59.5214, 40.7569, 37.3900



59.5214, -53.9218, 29.5770



59.5214, -37.1948, -93.0217



59.5214, 73.6809, -46.6894

Rectangle

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



59.5197, 40.7615, 37.3893



59.5214, -24.7033, 38.7913



59.5214, -37.1948, -93.0217



59.5214, 21.9184, -109.5172

Sweetspot

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



59.5214, 40.7569, 37.3900



85.6153, 3.8910, 23.4728



47.9977, 85.8998, 2.3051



38.7326, 2.5400, 11.8137

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



59.5214, 40.7569, 37.3900



59.5204, 40.7599, 37.3897



93.5284, -21.7815, 57.2503



44.0829, -1.2940, 5.4275



43.3669, 28.6463, 27.2240



14.3130, 7.1481, 8.9448

Inverse Universe

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



48.7062, 11.1545, -84.9571



48.7049, 11.1572, -84.9621



27.2117, 71.3876, -188.1162



43.5123, -3.2046, -0.8366



35.6312, 7.2452, -60.1761



12.0623, 0.5281, -16.2168

Previews

White Background



This preview shows how the HunterLab color 59.5197, 40.7615, 37.3893 looks on a white background.

Color Contrast Check

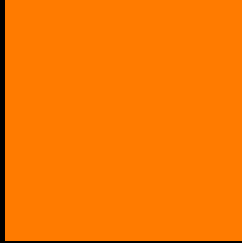
Large Text (above 18pt) WCAG AA × Fail

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 59.5197, 40.7615, 37.3893 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 59.5197, 40.7615, 37.3893 Background



This preview shows how black text looks on a background with the HunterLab color 59.5197, 40.7615, 37.3893.



This preview shows how white text looks on a background with the HunterLab color 59.5197, 40.7615,

37.3893.

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

59.5197, 40.7615, 37.3893

Protanopia

59.5791, -7.8188, 35.7688

Deuteranopia

59.5642, 3.7056, 36.7681



Tritanopia

59.5297, 49.4646, 18.5559

Trichromacy



Original Color

59.5197, 40.7615, 37.3893

Protanomaly

58.7003, 9.2225, 35.8758

Deuteranomaly

59.0556, 16.9429, 36.6864

Tritanomaly

59.1761, 44.9946, 29.8404

Monochromacy



Original Color

59.5197, 40.7615, 37.3893

Achromatopsia

54.4186, -2.9036, 2.9567

Achromatomaly

54.6243, 8.1478, 22.3077

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.5197, 40.7615, 37.3893 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, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 123, 0)  
}
```

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, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 123, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 59.5197, 40.7615, 37.3893 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, 0) }
```


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

```
.border{ border-color:rgb(255, 123, 0) }
```

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, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 123, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 123, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 123,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.5197, 40.7615, 37.3893 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, 0) }
```

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

```
.background{ background-color: rgb(255,  
123, 0) }
```

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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