

Converting Colors

HunterLab(59.6524, 40.9437,
36.3856)

Have a look what the booklet for
HunterLab(59.6524, 40.9437,
36.3856) contains.

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Color

**HunterLab(59.5901, 41.0950,
36.3455)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7B1C
RGB	255, 123, 28
RGB Percent	100%, 48%, 11%
CMY	0.0000, 0.5176, 0.8902
CMYK	0.00, 0.52, 0.89, 0.00
HSL	25°, 100%, 55%
HSV	25°, 89%, 100%
XYZ	48.5326, 35.5098, 5.3947
YIQ	151.6380, 109.1670, -1.5610

Conversions

Conversions Part 2

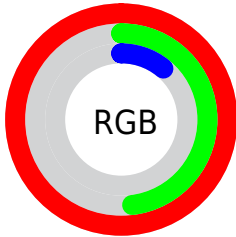
Format	Color
R_{YB}	255, 191, 28
Decimal	16743196
CIE _{Lab}	66.15, 45.57, 68.17
CIE _{LCh}	66, 81.997, 56.240
Yxy	35.5118, 0.5426, 0.3970
Android (android.graphics.Color)	4294933276 (0xFFFF7B1C)
YUV	151.6380, -60.9535, 90.6485
Hunter-Lab	59.5901, 41.0950, 36.3455

Details

The HunterLab color **59.5901, 41.0950, 36.3455** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **57.1023, -2.7151, -63.0931**, and the grayscale version is **56.0976, -2.9932, 3.0479**.

A 20% lighter version of the original color is **73.3189, 14.8447, 38.4888**, and **39.3150, 38.6939, 24.9031** is the 20% darker color. If you saturate the color by 10%, you get **56.5939, 48.0501, 35.6388**, and if you desaturate by 10%, it is **62.9694, 34.2572, 36.1723**.

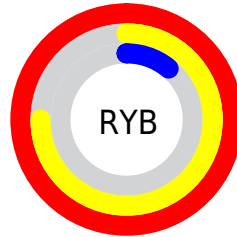
Distribution



Red (100%)

Green (48%)

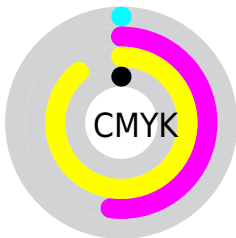
Blue (11%)



Red (100%)

Yellow (75%)

Blue (11%)

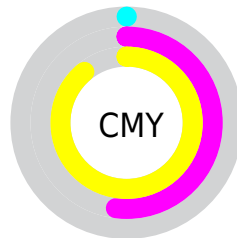


Cyan (0%)

Magenta (52%)

Yellow (89%)

Black (0%)



Cyan (0%)

Magenta (52%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.5901, 41.0950, 36.3455 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 59.5901, 41.0950, 36.3455 by changing the saturation by 10% instead.

59.5901, 41.0950,
36.3455

59.5901, 41.0950,
36.3455

180.7821, 50.3925,
73.2006

49.0483, 39.5837,
31.4106

82.6304, 43.7745,
45.5587

39.2125, 37.9602,
26.2446

95.0570, 44.9659,
49.8861

30.1394, 36.2215,
21.0976

108.0507, 46.0659,
54.0588

21.8995, 34.3895,
15.3297

121.5878, 47.0808,
58.0965

14.5877, 32.5498,
10.2114

135.6473, 48.0162,
62.0162

8.2481, 31.7151,
5.7737

150.2105, 48.8770,

0.0000, INF, NaN

65.8322

0.0000, NaN, NaN

165.2605, 49.6678,
69.5569

0.0000, NaN, NaN

■ 59.5901, 41.0950,
36.3455

■ 59.5901, 41.0950,
36.3455

■ 56.5939, 48.0501,
35.6388

■ 62.9694, 34.2572,
36.1723

■ 56.3187, 48.7232,
35.5563

■ 66.7060, 27.7305,
35.0139

■ 70.7723, 21.6094,
32.9033

■ 75.1386, 15.9436,
29.9135

■ 79.7760, 10.7483,
26.1335

84.6580, 6.0153,
21.6533

89.7606, 1.7226,
16.5577

95.0627, -2.1596,
10.9225

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.



59.5917, 73.8127, 25.8690



59.5901, 41.0950, 36.3455



59.5917, 1.4942, 38.8171

Triad

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



59.5917, 41.0904, 36.3462



59.5917, -58.3234, 7.4617



59.5917, 31.1605, -93.1989

Complementary

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



59.5901, 41.0950, 36.3455



57.1023, -2.7151, -63.0931

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.



59.5917, -7.7200, -109.3661



59.5901, 41.0950, 36.3455



59.5917, -54.0048, -34.5053

Square

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



59.5917, 41.0904, 36.3462



59.5917, -51.0573, 29.7104



59.5917, -37.4091, -83.3343



59.5917, 67.1775, -47.1166

Rectangle

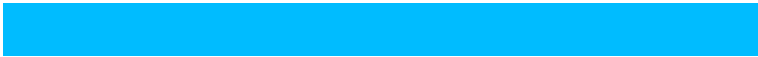
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.5901, 41.0950, 36.3455



59.5917, -21.5813, 38.3437



59.5917, -37.4091, -83.3343



59.5917, 17.7599, -103.1746

Sweetspot

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



59.5917, 41.0904, 36.3462



85.6709, 5.1145, 20.6721



49.6420, 85.8548, -7.8585



38.8450, 3.0762, 10.3253

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



59.5917, 41.0904, 36.3462



56.3189, 48.7234, 35.5564



90.2122, -16.4585, 54.5780



43.8592, -0.9159, 5.1854



41.0519, 34.3441, 25.8972



13.6050, 8.7660, 8.5368

Inverse Universe

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



57.1023, -2.7151, -63.0931



53.3723, 2.5268, -72.1653



30.8116, 59.2929, -162.0259



43.7408, -3.5787, -0.5582



38.9698, 1.1439, -51.1783



13.0182, -1.0899, -13.9188

Previews

White Background



This preview shows how the HunterLab color 59.5901, 41.0950, 36.3455 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 59.5901, 41.0950, 36.3455 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 59.5901, 41.0950, 36.3455 Background



This preview shows how black text looks on a background with the HunterLab color 59.5901, 41.0950, 36.3455.



This preview shows how white text looks on a background with the HunterLab color 59.5901, 41.0950,

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

59.5901, 41.0950, 36.3455

Protanopia

59.8367, -8.2814, 34.9092

Deuteranopia

59.6824, 4.1024, 36.8478



Tritanopia

59.5297, 49.4646, 18.5559

Trichromacy



Original Color

59.5901, 41.0950, 36.3455

Protanomaly

58.9111, 8.6850, 34.9297

Deuteranomaly

59.2080, 17.4577, 36.5018

Tritanomaly

59.3084, 45.6112, 27.8958

Monochromacy



Original Color

59.5901, 41.0950, 36.3455

Achromatopsia

56.0347, -2.9899, 3.0445

Achromatomaly

55.6148, 9.1195, 19.6001

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.5901, 41.0950, 36.3455 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, 28)` looks like.

```
.text, #text, p{  
    color:rgb(255, 123, 28)  
}
```

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, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 123, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 59.5901, 41.0950, 36.3455 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, 28) }
```


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

```
.border{ border-color:rgb(255, 123, 28) }
```

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, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 123, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 123, 28);  
box-shadow:4px 4px 4px 4px rgb(255, 123,  
28) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.5901, 41.0950, 36.3455 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, 28) }
```

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

```
.background{ background-color: rgb(255,  
123, 28) }
```

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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