

# Converting Colors

HunterLab(59.4061, 41.0345,  
37.3241)

Have a look what the booklet for  
HunterLab(59.4061, 41.0345,  
37.3241) contains.

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# Color

**HunterLab(59.3119, 41.2612,  
37.2701)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7A00
RGB	255, 122, 0
RGB Percent	100%, 48%, 0%
CMY	0.0000, 0.5215, 1.0000
CMYK	0.00, 0.52, 1.00, 0.00
HSL	29°, 100%, 50%
HSV	29°, 100%, 100%
XYZ	48.1995, 35.1790, 4.2498
YIQ	147.8590, 118.4300, -9.7460

# Conversions

## Conversions Part 2

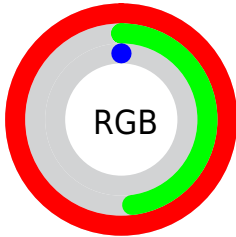
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 234, 0
Decimal	16742912
CIE <sub>Lab</sub>	65.89, 45.75, 73.34
CIE <sub>LCh</sub>	66, 86.444, 58.043
Yxy	35.1810, 0.5500, 0.4015
Android (android.graphics.Color)	4294932992 (0xFFFF7A00)
YUV	147.8590, -72.8945, 93.9627
Hunter-Lab	59.3119, 41.2612, 37.2701

# Details

The HunterLab color **59.3119, 41.2612, 37.2701** is a dark color, and the websafe version is hex **FF6600**, and the color name is **heat wave**. The color can be described as dark saturated orange. A complement of this color would be **48.9842, 10.6156, -84.1416**, and the grayscale version is **54.6143, -2.9141, 2.9673**.

A 20% lighter version of the original color is **72.9192, 14.6930, 40.2047**, and **38.9915, 38.7202, 24.7043** is the 20% darker color. If you saturate the color by 10%, you get **59.3127, 41.2585, 37.2705**, and if you desaturate by 10%, it is **62.2464, 34.8164, 38.0619**.

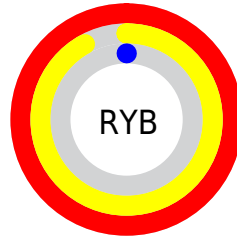
# Distribution



Red (100%)

Green (48%)

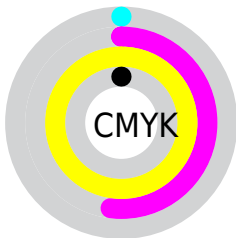
Blue (0%)



Red (100%)

Yellow (92%)

Blue (0%)

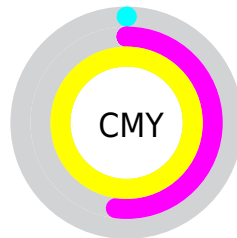


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (0%)



Cyan (0%)

Magenta (52%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.3119, 41.2612, 37.2701 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 59.3119, 41.2612, 37.2701 by changing the saturation by 10% instead.



59.3119, 41.2612,  
37.2701

59.3119, 41.2612,  
37.2701

180.3792, 50.6350,  
76.6424

48.7876, 39.7403,  
32.0080

82.3201, 43.9594,  
47.1207

38.9706, 38.1071,  
26.6650

94.7318, 45.1598,  
51.7505

29.9178, 36.3596,  
20.9425

107.7114, 46.2686,  
56.2134

21.7004, 34.5209,  
15.1903

121.2348, 47.2919,  
60.5296

14.4139, 32.6810,  
10.0897

135.2812, 48.2355,  
64.7165

8.0746, 32.0974,  
5.6522

149.8318, 49.1043,

0.0000, INF, NaN

68.7892

0.0000, NaN, NaN

164.8695, 49.9027,  
72.7608

0.0000, NaN, NaN

59.3119, 41.2612,  
37.2701

59.3119, 41.2612,  
37.2701

59.3127, 41.2585,  
37.2705

62.2464, 34.8164,  
38.0619

65.4750, 28.6080,  
38.0093

68.9902, 22.7749,  
36.9543

72.7733, 17.3838,  
34.9040

76.8038, 12.4650,  
31.9102

81.0615, 8.0234,  
28.0451

85.5270, 4.0471,  
23.3884

90.1827, 0.5141,  
18.0187

95.0122, -2.6036,  
12.0105

# Harmonies

## Analogous

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



59.3135, 77.2081, 27.6895



59.3119, 41.2612, 37.2701



59.3135, -0.6216, 39.2812

# Triad

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



59.3135, 41.2566, 37.2708



59.3135, -60.4495, 5.5809



59.3135, 35.7467, -98.4330

# Complementary

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



59.3119, 41.2612, 37.2701



48.9842, 10.6156, -84.1416

# 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.



59.3135, -5.6722, -118.8473



59.3119, 41.2612, 37.2701



59.3135, -55.3341, -40.2675

# Square

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



59.3135, 41.2566, 37.2708



59.3135, -53.7659, 29.6941



59.3135, -37.4474, -92.8102



59.3135, 73.4988, -47.3640



# Rectangle

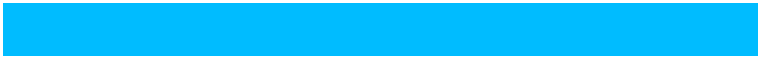
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.3119, 41.2612, 37.2701



59.3135, -24.3745, 38.7260



59.3135, -37.4474, -92.8102



59.3135, 21.5125, -110.1307

# Sweetspot

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



59.3135, 41.2566, 37.2708



85.5261, 4.0483, 23.3900



47.9975, 85.8999, 2.3057



38.6860, 2.6229, 11.7719

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



59.3135, 41.2566, 37.2708



59.3130, 41.2587, 37.2707



93.5283, -21.7815, 57.2503



44.0692, -1.2709, 5.4127



43.2174, 29.0025, 27.1381

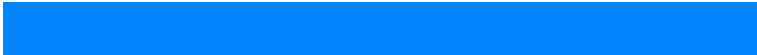


14.2680, 7.2481, 8.9187



# Inverse Universe

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



48.9842, 10.6156, -84.1416



48.9834, 10.6175, -84.1451



27.2115, 71.3882, -188.1176



43.5263, -3.2276, -0.8196



35.8306, 6.8637, -59.6020



12.1198, 0.4272, -16.0708



# Previews

## White Background



This preview shows how the HunterLab color 59.3119, 41.2612, 37.2701 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 59.3119, 41.2612, 37.2701 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 59.3119, 41.2612, 37.2701 Background



This preview shows how black text looks on a background with the HunterLab color 59.3119, 41.2612, 37.2701.



This preview shows how white text looks on a background with the HunterLab color 59.3119, 41.2612, 37.2701.



# 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

59.3119, 41.2612, 37.2701

### Protanopia

59.4772, -8.1816, 35.6983

### Deuteranopia

59.2900, 4.1942, 36.6076



## Tritanopia

59.3134, 49.8649, 18.6901

# Trichromacy



## Original Color

59.3119, 41.2612, 37.2701

## Protanomaly

58.5763, 8.8169, 35.7913

## Deuteranomaly

58.8042, 17.4473, 36.5403

## Tritanomaly

58.9635, 45.4348, 29.8808

# Monochromacy



## Original Color

59.3119, 41.2612, 37.2701

## 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 59.3119, 41.2612, 37.2701 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, 122, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 122, 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, 122, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 122, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 59.3119, 41.2612, 37.2701 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, 122, 0) }
```



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

```
.border{ border-color:rgb(255, 122, 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, 122, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 122, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 122, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 122,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 59.3119, 41.2612, 37.2701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 122, 0) }
```

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

```
.background{ background-color: rgb(255,  
122, 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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