

# Converting Colors

HunterLab(59.2920, 41.3788,  
37.1083)

Have a look what the booklet for  
HunterLab(59.2920, 41.3788,  
37.1083) contains.

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# Color

**HunterLab(59.3212, 41.3048,  
37.1330)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7A05
RGB	255, 122, 5
RGB Percent	100%, 48%, 2%
CMY	0.0000, 0.5215, 0.9804
CMYK	0.00, 0.52, 0.98, 0.00
HSL	28°, 100%, 51%
HSV	28°, 98%, 100%
XYZ	48.2269, 35.1900, 4.3942
YIQ	148.4290, 116.8250, -8.1910

# Conversions

## Conversions Part 2

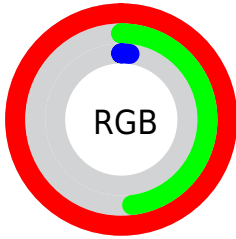
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	255, 225, 5
Decimal	16742917
CIE Lab	65.90, 45.79, 72.60
CIE LCh	66, 85.834, 57.758
Yxy	35.1920, 0.5492, 0.4008
Android (android.graphics.Color)	4294932997 (0xFFFF7A05)
YUV	148.4290, -70.7105, 93.4628
Hunter-Lab	59.3212, 41.3048, 37.1330

# Details

The HunterLab color **59.3212, 41.3048, 37.1330** 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 **50.4277, 8.0362, -80.0194**, and the grayscale version is **54.8364, -2.9259, 2.9794**.

A 20% lighter version of the original color is **72.9374, 14.7880, 39.9362**, and **38.9915, 38.7202, 24.7043** is the 20% darker color. If you saturate the color by 10%, you get **58.7667, 42.5826, 36.9573**, and if you desaturate by 10%, it is **62.3256, 34.7738, 37.8123**.

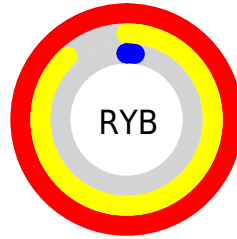
# Distribution



Red (100%)

Green (48%)

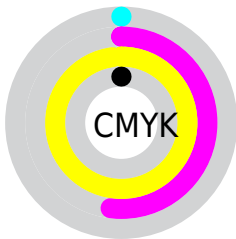
Blue (2%)



Red (100%)

Yellow (88%)

Blue (2%)

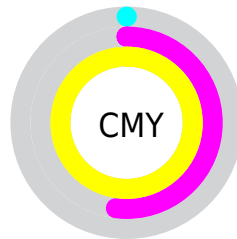


Cyan (0%)

Magenta (52%)

Yellow (98%)

Black (0%)



Cyan (0%)

Magenta (52%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.3212, 41.3048, 37.1330 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 59.3212, 41.3048, 37.1330 by changing the saturation by 10% instead.



59.3212, 41.3048,  
37.1330

59.3212, 41.3048,  
37.1330

180.3926, 50.6898,  
76.1468

48.7963, 39.7826,  
31.9165

82.3305, 44.0056,  
46.8937

38.9786, 38.1482,  
26.5900

94.7427, 45.2073,  
51.4805

29.9252, 36.3995,  
20.9477

107.7227, 46.3173,  
55.9021

21.7071, 34.5598,  
15.1949

121.2466, 47.3419,  
60.1786

14.4197, 32.7193,  
10.0938

135.2935, 48.2867,  
64.3272

8.0804, 32.1285,  
5.6563

149.8444, 49.1567,

0.0000, INF, NaN

68.3632

0.0000, NaN, NaN

164.8826, 49.9564,  
72.2994

0.0000, NaN, NaN

59.3212, 41.3048,  
37.1330

59.3212, 41.3048,  
37.1330

58.7667, 42.5826,  
36.9573

62.3256, 34.7738,  
37.8123

65.6389, 28.5090,  
37.5648

69.2470, 22.6267,  
36.3143

73.1291, 17.1900,  
34.0829

77.2632, 12.2264,  
30.9307

■ 81.6278, 7.7383,  
26.9351

■ 86.2028, 3.7119,  
22.1778

■ 90.9697, 0.1234,  
16.7381

■ 95.9118, -3.0562,  
10.6894

# Harmonies

## Analogous

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



59.3228, 76.7819, 27.4160



59.3212, 41.3048, 37.1330



59.3228, -0.2685, 39.2087

# Triad

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



59.3228, 41.3002, 37.1337



59.3228, -60.1486, 5.8972



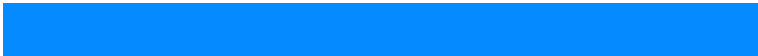
59.3228, 35.0423, -97.7800

# Complementary

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



59.3212, 41.3048, 37.1330



50.4277, 8.0362, -80.0194

# 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.



59.3228, -6.0139, -117.5280



59.3212, 41.3048, 37.1330



59.3228, -55.1603, -39.3748

# Square

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



59.3228, 41.3002, 37.1337



59.3228, -53.3694, 29.7114



59.3228, -37.4753, -91.4162



59.3228, 72.5732, -47.4200



# Rectangle

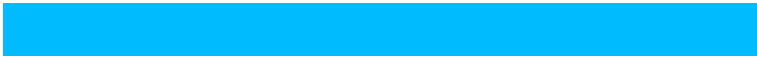
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.3212, 41.3048, 37.1330



59.3228, -23.9405, 38.6666



59.3228, -37.4753, -91.4162



59.3228, 20.9245, -109.2179

# Sweetspot

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



59.3228, 41.3002, 37.1337



85.7530, 4.0809, 22.6679



48.1803, 85.7587, 1.4426



38.7628, 2.6656, 11.4534

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



59.3228, 41.3002, 37.1337



58.7670, 42.5828, 36.9574



93.5886, -21.8289, 57.1956



44.0326, -1.2091, 5.3731



42.8233, 29.9483, 26.9118

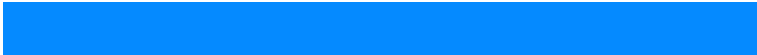


14.1488, 7.5144, 8.8500



# Inverse Universe

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



50.4277, 8.0362, -80.0194



49.7310, 9.1853, -81.9879



27.4754, 70.5541, -185.9897



43.5636, -3.2888, -0.7740



36.3659, 5.8515, -58.0859



12.2739, 0.1593, -15.6851



# Previews

## White Background



This preview shows how the HunterLab color 59.3212, 41.3048, 37.1330 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

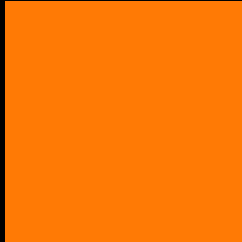
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 59.3212, 41.3048, 37.1330 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 59.3212, 41.3048, 37.1330 Background



This preview shows how black text looks on a background with the HunterLab color 59.3212, 41.3048, 37.1330.



This preview shows how white text looks on a background with the HunterLab color 59.3212, 41.3048,



# 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

59.3212, 41.3048, 37.1330

### Protanopia

59.4772, -8.1816, 35.6983

### Deuteranopia

59.2900, 4.1942, 36.6076



## Tritanopia

59.3134, 49.8649, 18.6901

# Trichromacy



## Original Color

59.3212, 41.3048, 37.1330

## Protanomaly

58.5788, 8.8300, 35.7544

## Deuteranomaly

58.8079, 17.4664, 36.4850

## Tritanomaly

58.9882, 45.5497, 29.5174

# Monochromacy



## Original Color

59.3212, 41.3048, 37.1330

## Achromatopsia

54.4186, -2.9036, 2.9567

## Achromatomaly

54.6576, 8.3234, 21.8213

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 59.3212, 41.3048, 37.1330 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, 5)` looks like.

```
.text, #text, p{  
    color:rgb(255, 122, 5)  
}
```

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, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 122, 5) }
```

## Border

The CSS property to change the border of an element to HunterLab 59.3212, 41.3048, 37.1330 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, 5) }
```



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

```
.border{ border-color:rgb(255, 122, 5) }
```

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, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 122, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 122, 5);  
box-shadow:4px 4px 4px 4px rgb(255, 122,  
5) }
```

# Background

The CSS property to change the background color of an element to HunterLab 59.3212, 41.3048, 37.1330 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, 5) }
```

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

```
.background{ background-color: rgb(255,  
122, 5) }
```

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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