

# Converting Colors

HunterLab(59.8090, 33.8739,  
37.0352)

Have a look what the booklet for  
HunterLab(59.8090, 33.8739,  
37.0352) contains.

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# Color

**HunterLab(59.8090, 33.8739,  
37.0352)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7820E
RGB	247, 130, 14
RGB Percent	97%, 51%, 5%
CMY	0.0314, 0.4902, 0.9451
CMYK	0.00, 0.47, 0.94, 0.03
HSL	30°, 94%, 51%
HSV	30°, 94%, 97%
XYZ	46.4197, 35.7712, 4.8734
YIQ	151.7590, 106.9680, -11.2720

# Conversions

## Conversions Part 2

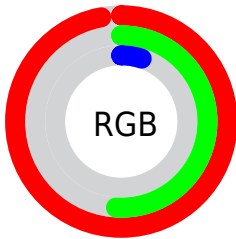
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 245, 14
Decimal	16220686
CIE Lab	66.35, 38.82, 70.96
CIE LCh	66, 80.885, 61.322
Yxy	35.7731, 0.5332, 0.4109
Android (android.graphics.Color)	4294410766 (0xFFFF7820E)
YUV	151.7590, -67.9152, 83.5264
Hunter-Lab	59.8090, 33.8739, 37.0352

# Details

The HunterLab color **59.8090, 33.8739, 37.0352** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark saturated orange. A complement of this color would be **48.0011, 9.2835, -78.9490**, and the grayscale version is **56.1746, -2.9973, 3.0521**.

A 20% lighter version of the original color is **74.8940, 11.3554, 40.6421**, and **39.3904, 31.9067, 24.8308** is the 20% darker color. If you saturate the color by 10%, you get **58.2525, 37.2890, 36.5477**, and if you desaturate by 10%, it is **62.7590, 27.9826, 37.3722**.

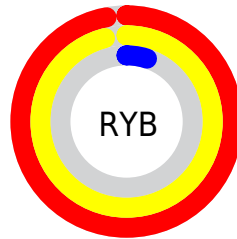
# Distribution



Red (97%)

Green (51%)

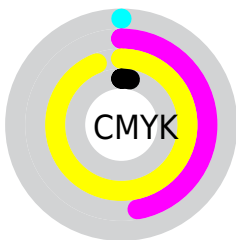
Blue (5%)



Red (97%)

Yellow (96%)

Blue (5%)

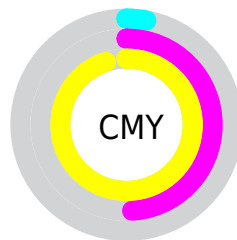


Cyan (0%)

Magenta (47%)

Yellow (94%)

Black (3%)



Cyan (3%)

Magenta (49%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.8090, 33.8739, 37.0352 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 59.8090, 33.8739, 37.0352 by changing the saturation by 10% instead.



59.8090, 33.8739,  
37.0352

59.8090, 33.8739,  
37.0352

181.0988, 41.0496,  
75.2071

49.2534, 32.6186,  
31.9301

82.8744, 36.0491,  
46.5797

39.4029, 31.2482,  
26.6411

95.3127, 36.9944,  
51.0647

30.3138, 29.7517,  
21.2197

108.3175, 37.8534,  
55.3890

22.0564, 28.1318,  
15.4395

121.8653, 38.6324,  
59.5725

14.7247, 26.4262,  
10.3073

135.9352, 39.3369,  
63.6323

8.3819, 25.2921,  
5.8673

150.5083, 39.9718,

0.0000, INF, NaN

67.5832

0.0000, NaN, NaN

165.5679, 40.5415,  
71.4379

0.0000, NaN, NaN

59.8090, 33.8739,  
37.0352

59.8090, 33.8739,  
37.0352

58.2525, 37.2890,  
36.5477

62.7590, 27.9826,  
37.3722

65.9681, 22.4362,  
36.7616

69.4239, 17.3035,  
35.1768

73.1098, 12.6207,  
32.6473

77.0084, 8.3985,  
29.2305

81.1031, 4.6301,  
24.9968

85.3778, 1.2978,  
20.0199

89.8179, -1.6229,  
14.3715

94.4100, -4.1596,  
8.1186

# Harmonies

## Analogous

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



59.8106, 68.3529, 28.4046



59.8090, 33.8739, 37.0352



59.8106, -4.7869, 38.7880

# Triad

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



59.8106, 33.8696, 37.0359



59.8106, -57.9483, 1.7128



59.8106, 37.3098, -85.0059

# Complementary

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



59.8090, 33.8739, 37.0352



48.0011, 9.2835, -78.9490

# 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.



59.8106, -1.5854, -107.4295



59.8090, 33.8739, 37.0352



59.8106, -51.6687, -42.2137

# Square

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



59.8106, 33.8696, 37.0359



59.8106, -52.7001, 27.0553



59.8106, -32.9775, -88.4014



59.8106, 70.6476, -37.8601



# Rectangle

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



59.8090, 33.8739, 37.0352



59.8106, -26.3869, 37.8768



59.8106, -32.9775, -88.4014



59.8106, 24.1781, -96.6169

# Sweetspot

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



59.8106, 33.8696, 37.0359



86.8587, 2.5791, 22.7626



46.7122, 81.9748, 1.4120



39.3015, 1.8918, 11.5506

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



59.8106, 33.8696, 37.0359



60.3555, 38.7736, 37.8695



91.6386, -22.9998, 55.7957



42.2440, -1.3307, 5.2387



42.6971, 26.3357, 26.7708



13.4452, 6.0402, 8.3906



# Inverse Universe

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



48.0011, 9.2835, -78.9490



47.6124, 13.3083, -88.2401



26.9033, 66.9340, -176.1759



41.5954, -2.9773, -0.8517



33.8573, 8.4158, -60.4861



11.0140, 0.6732, -15.2198



# Previews

## White Background



This preview shows how the HunterLab color 59.8090, 33.8739, 37.0352 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 59.8090, 33.8739, 37.0352 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 59.8090, 33.8739, 37.0352 Background



This preview shows how black text looks on a background with the HunterLab color 59.8090, 33.8739, 37.0352.



This preview shows how white text looks on a background with the HunterLab color 59.8090, 33.8739,



# 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

59.8090, 33.8739, 37.0352

### Protanopia

59.8798, -8.2444, 35.8427

### Deuteranopia

59.6824, 4.1024, 36.8478



## Tritanopia

59.8072, 46.3086, 17.0743

# Trichromacy



## Original Color

59.8090, 33.8739, 37.0352

## Protanomaly

59.1512, 6.6169, 35.8534

## Deuteranomaly

59.5629, 14.6432, 36.8158

## Tritanomaly

59.5209, 40.8442, 28.4097

# Monochromacy



## Original Color

59.8090, 33.8739, 37.0352

## Achromatopsia

56.0347, -2.9899, 3.0445

## Achromatomaly

56.0987, 6.4004, 21.3943

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 59.8090, 33.8739, 37.0352 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(247, 130, 14)` looks like.

```
.text, #text, p{  
    color:rgb(247, 130, 14)  
}
```

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(247, 130, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 130, 14) }
```

## Border

The CSS property to change the border of an element to HunterLab 59.8090, 33.8739, 37.0352 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(247, 130, 14) }
```



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

```
.border{ border-color:rgb(247, 130, 14) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(247, 130, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 130, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 130, 14);  
box-shadow:4px 4px 4px 4px rgb(247, 130,  
14) }
```

# Background

The CSS property to change the background color of an element to HunterLab 59.8090, 33.8739, 37.0352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 130, 14) }
```

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

```
.background{ background-color: rgb(247,  
130, 14) }
```

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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