

# Converting Colors

HunterLab(59.4813, 23.1564,  
37.0575)

Have a look what the booklet for  
HunterLab(59.4813, 23.1564,  
37.0575) contains.

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# Color

**HunterLab(59.4414, 23.2045,  
37.0337)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E88A00
RGB	232, 138, 0
RGB Percent	91%, 54%, 0%
CMY	0.0902, 0.4588, 1.0000
CMYK	0.00, 0.41, 1.00, 0.09
HSL	36°, 100%, 45%
HSV	36°, 100%, 91%
XYZ	42.3672, 35.3328, 4.5870
YIQ	150.3740, 100.3220, -22.9900

# Conversions

## Conversions Part 2

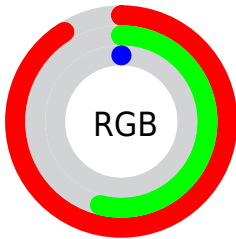
Format	Color
<a href="#">RYB</a>	158, 232, 0
Decimal	15239680
CIELab	66.01, 28.46, 71.80
CIELCh	66, 77.236, 68.376
Yxy	35.3347, 0.5149, 0.4294
Android (android.graphics.Color)	4293429760 (0xFFE88A00)
YUV	150.3740, -74.1344, 71.5860
Hunter-Lab	59.4414, 23.2045, 37.0337

# Details

The HunterLab color **59.4414, 23.2045, 37.0337** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark washed orange. A complement of this color would be **37.1920, 24.0326, -98.3650**, and the grayscale version is **55.6402, -2.9688, 3.0230**.

A 20% lighter version of the original color is **77.0975, 6.9861, 42.7820**, and **39.1949, 22.4272, 24.5444** is the 20% darker color. If you saturate the color by 10%, you get **59.4417, 23.2032, 37.0339**, and if you desaturate by 10%, it is **61.8163, 18.6799, 37.6297**.

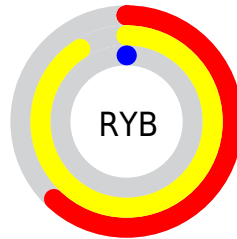
# Distribution



Red (91%)

Green (54%)

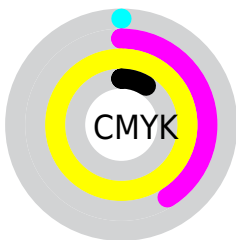
Blue (0%)



Red (62%)

Yellow (91%)

Blue (0%)

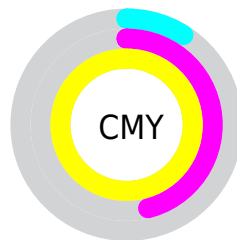


Cyan (0%)

Magenta (41%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (46%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.4414, 23.2045, 37.0337 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 59.4414, 23.2045, 37.0337 by changing the saturation by 10% instead.



59.4414, 23.2045,  
37.0337

59.4414, 23.2045,  
37.0337

180.5666, 27.0091,  
75.6499

48.9089, 22.3729,  
31.8688

82.4645, 24.5623,  
46.6933

39.0831, 21.4320,  
26.5600

94.8831, 25.1144,  
51.2323

30.0209, 20.3644,  
21.0146

107.8692, 25.5903,  
55.6080

21.7930, 19.1561,  
15.2551

121.3991, 25.9960,  
59.8405

14.4947, 17.8012,  
10.1463

135.4516, 26.3367,  
63.9470

8.1558, 16.9428,  
5.7090

150.0080, 26.6166,

0.0000, INF, NaN

67.9425

0.0000, NaN, NaN

165.0514, 26.8397,  
71.8398

0.0000, NaN, NaN

59.4414, 23.2045,  
37.0337

59.4414, 23.2045,  
37.0337

59.4417, 23.2032,  
37.0339

61.8163, 18.6799,  
37.6297

64.3465, 14.4560,  
37.4820

67.0376, 10.6140,  
36.4260

69.8849, 7.1842,  
34.4396

72.8815, 4.1783,  
31.5377

■ 76.0199, 1.5948,  
27.7570

■ 79.2919, -0.5764,  
23.1457

■ 82.6898, -2.3514,  
17.7582

■ 86.2056, -3.7500,  
11.6502

# Harmonies

## Analogous

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



59.4430, 58.0338, 30.5333



59.4414, 23.2045, 37.0337



59.4430, -12.5012, 37.8850

# Triad

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



59.4430, 23.2007, 37.0343



59.4430, -55.4575, -6.6728



59.4430, 43.6839, -70.1888

# Complementary

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



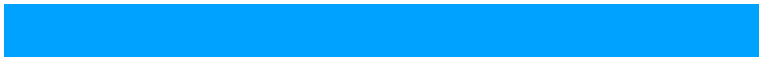
59.4414, 23.2045, 37.0337



37.1920, 24.0326, -98.3650

# 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.



59.4430, 6.7643, -98.6576



59.4414, 23.2045, 37.0337



59.4430, -46.6293, -50.5406

# Square

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



59.4430, 23.2007, 37.0343



59.4430, -52.9916, 22.0580



59.4430, -25.6274, -89.9346



59.4430, 71.6070, -24.9167



# Rectangle

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



59.4414, 23.2045, 37.0337



59.4430, -31.4428, 36.2334



59.4430, -25.6274, -89.9346



59.4430, 31.6179, -82.9464

# Sweetspot

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



59.4430, 23.2007, 37.0343



88.2091, -0.6064, 25.8555



42.4416, 74.7001, 11.7725



40.0877, 0.1693, 13.0161

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



59.4430, 23.2007, 37.0343



66.0408, 26.1049, 41.1511



84.7403, -29.9127, 51.6926



39.7320, -1.7547, 5.1953



44.5748, 16.6905, 27.7590



12.8432, 3.0706, 7.9677



# Inverse Universe

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



37.1920, 24.0326, -98.3650



41.2111, 27.2063, -110.2409



24.4302, 65.6820, -169.0747



38.5241, -2.2714, -1.1481



28.1263, 16.9361, -71.7157



8.7353, 2.2778, -15.8354



# Previews

## White Background



This preview shows how the HunterLab color 59.4414, 23.2045, 37.0337 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 59.4414, 23.2045, 37.0337 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 59.4414, 23.2045, 37.0337 Background



This preview shows how black text looks on a background with the HunterLab color 59.4414, 23.2045, 37.0337.



This preview shows how white text looks on a background with the HunterLab color 59.4414, 23.2045,



# 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

59.4414, 23.2045, 37.0337

### Protanopia

59.4619, -8.2666, 35.9248

### Deuteranopia

59.5642, 3.7056, 36.7681



## Tritanopia

59.3952, 38.0036, 13.2621

# Trichromacy



## Original Color

59.4414, 23.2045, 37.0337

## Protanomaly

59.2334, 2.6309, 36.2285

## Deuteranomaly

59.5617, 10.6123, 36.8874

## Tritanomaly

59.0502, 30.4948, 27.6503

# Monochromacy



## Original Color

59.4414, 23.2045, 37.0337

## Achromatopsia

55.2257, -2.9467, 3.0005

## Achromatomaly

55.7560, 2.2061, 22.8825

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 59.4414, 23.2045, 37.0337 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(232, 138, 0)` looks like.

```
.text, #text, p{  
    color:rgb(232, 138, 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(232, 138, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 138, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 59.4414, 23.2045, 37.0337 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(232, 138, 0) }
```



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

```
.border{ border-color:rgb(232, 138, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 138, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 138, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 138, 0);  
box-shadow:4px 4px 4px 4px rgb(232, 138,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 59.4414, 23.2045, 37.0337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 138, 0) }
```

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

```
.background{ background-color: rgb(232,  
138, 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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