

Converting Colors

HunterLab(61.8867, 19.4924,
37.5382)

Have a look what the booklet for
HunterLab(61.8867, 19.4924,
37.5382) contains.

HunterLab(61.8592, 19.3597, 37.5196)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(61.8592, 19.3597,
37.5196)**

Conversions

Conversions Part 1

Format	Color
Hex	E9931A
RGB	233, 147, 26
RGB Percent	91%, 58%, 10%
CMY	0.0863, 0.4235, 0.8980
CMYK	0.00, 0.37, 0.89, 0.09
HSL	35°, 82%, 51%
HSV	35°, 89%, 91%
XYZ	44.2244, 38.2656, 6.0324
YIQ	158.9200, 90.0970, -19.3990

Conversions

Conversions Part 2

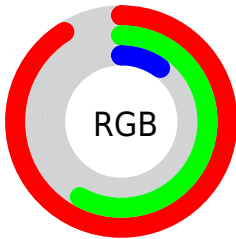
Format	Color
RYB	173, 233, 26
Decimal	15307546
CIELab	68.22, 24.44, 68.96
CIELCh	68, 73.159, 70.482
Yxy	38.2676, 0.4996, 0.4323
Android (android.graphics.Color)	4293497626 (0xFFE9931A)
YUV	158.9200, -65.5296, 64.9682
Hunter-Lab	61.8592, 19.3597, 37.5196

Details

The HunterLab color **61.8592, 19.3597, 37.5196** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **42.0605, 15.2104, -82.4854**, and the grayscale version is **59.0835, -3.1525, 3.2101**.

A 20% lighter version of the original color is **79.8155, 3.0198, 42.6948**, and **41.2597, 18.5492, 25.7488** is the 20% darker color. If you saturate the color by 10%, you get **59.4255, 23.9989, 36.9603**, and if you desaturate by 10%, it is **64.4637, 15.0298, 37.2816**.

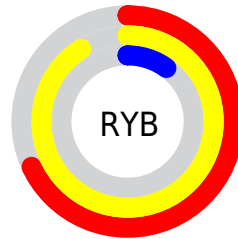
Distribution



Red (91%)

Green (58%)

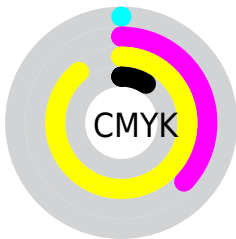
Blue (10%)



Red (68%)

Yellow (91%)

Blue (10%)

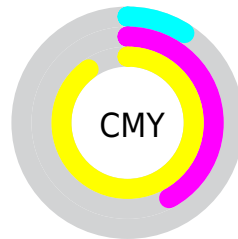


Cyan (0%)

Magenta (37%)

Yellow (89%)

Black (9%)



Cyan (9%)

Magenta (42%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.8592, 19.3597, 37.5196 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 61.8592, 19.3597, 37.5196 by changing the saturation by 10% instead.

61.8592, 19.3597,
37.5196

61.8592, 19.3597,
37.5196

184.0561, 21.6650,
74.5016

51.1766, 18.7281,
32.5842

85.1576, 20.3421,
46.7449

41.1900, 17.9957,
27.4058

97.7038, 20.7171,
51.0834

31.9537, 17.1449,
22.3676

110.8119, 21.0223,
55.2698

23.5344, 16.1591,
16.4741

124.4590, 21.2632,
59.3231

16.0208, 15.0211,
11.2145

138.6243, 21.4442,
63.2599

9.5390, 13.7290,
6.6773

153.2897, 21.5693,

0.0000, INF, NaN

67.0942

0.0000, NaN, NaN

168.4386, 21.6419,
70.8380

0.0000, NaN, NaN

■ 61.8592, 19.3597,
37.5196

■ 61.8592, 19.3597,
37.5196

■ 59.4255, 23.9989,
36.9603

■ 64.4637, 15.0298,
37.2816

■ 59.1515, 24.5452,
36.8786

■ 67.2346, 11.0915,
36.1256

■ 70.1675, 7.5702,
34.0379

■ 73.2547, 4.4761,
31.0394

■ 76.4876, 1.8063,
27.1711

■ 79.8577, -0.4505,
22.4848

■ 83.3564, -2.3115,
17.0367

■ 86.9756, -3.7975,
10.8842

■ 90.7074, -4.9308,
4.0831

Harmonies

Analogous

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



61.8608, 52.7373, 31.1349



61.8592, 19.3597, 37.5196



61.8608, -14.4303, 38.1727

Triad

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



61.8608, 19.3560, 37.5202



61.8608, -54.1520, -8.6520



61.8608, 43.5171, -62.3884

Complementary

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



61.8592, 19.3597, 37.5196



42.0605, 15.2104, -82.4854

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.



61.8608, 8.6688, -90.2523



61.8592, 19.3597, 37.5196



61.8608, -44.5483, -50.0376

Square

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



61.8608, 19.3560, 37.5202



61.8608, -52.4714, 20.3303



61.8608, -23.1091, -84.8233



61.8608, 68.5856, -20.3856

Rectangle

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



61.8592, 19.3597, 37.5196



61.8608, -32.3144, 36.0693



61.8608, -23.1091, -84.8233



61.8608, 32.2879, -74.5100

Sweetspot

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



61.8608, 19.3560, 37.5202



89.1182, -0.8811, 23.9372



43.8612, 73.4632, 7.4916



40.6260, -0.0460, 11.9671

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.8608, 19.3560, 37.5202



65.4027, 27.4595, 40.7815



85.3890, -29.0841, 51.4283



40.6413, -1.7403, 5.2906



44.8374, 17.8952, 27.9419



13.2958, 3.5190, 8.2544

Inverse Universe

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



42.0605, 15.2104, -82.4854



41.8508, 25.7016, -107.7923



26.7232, 60.6712, -153.5085



39.4677, -2.3803, -1.1431



28.9820, 16.2684, -71.3438



9.1947, 2.2933, -16.4432

Previews

White Background



This preview shows how the HunterLab color 61.8592, 19.3597, 37.5196 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 61.8592, 19.3597, 37.5196 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 61.8592, 19.3597, 37.5196 Background



This preview shows how black text looks on a background with the HunterLab color 61.8592, 19.3597, 37.5196.



This preview shows how white text looks on a background with the HunterLab color 61.8592, 19.3597,

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

61.8592, 19.3597, 37.5196

Protanopia

61.9944, -8.2377, 36.7496

Deuteranopia

61.9170, 4.5886, 37.8005



Tritanopia

61.9263, 35.2007, 12.3463

Trichromacy



Original Color

61.8592, 19.3597, 37.5196

Protanomaly

61.7031, 1.1016, 36.8602

Deuteranomaly

61.8209, 9.8680, 37.6757

Tritanomaly

61.6713, 27.8159, 26.1521

Monochromacy



Original Color

61.8592, 19.3597, 37.5196

Achromatopsia

58.8816, -3.1418, 3.1991

Achromatomaly

59.1857, 1.5009, 21.4308

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.8592, 19.3597, 37.5196 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(233, 147, 26)` looks like.

```
.text, #text, p{  
    color:rgb(233, 147, 26)  
}
```

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(233, 147, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 147, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 61.8592, 19.3597, 37.5196 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(233, 147, 26) }
```


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

```
.border{ border-color:rgb(233, 147, 26) }
```

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

Here you see how a box with a 4 pixel rgb(233, 147, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 147, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 147, 26);  
box-shadow:4px 4px 4px 4px rgb(233, 147,  
26) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.8592, 19.3597, 37.5196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 147, 26) }
```

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

```
.background{ background-color: rgb(233,  
147, 26) }
```

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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