

Converting Colors

HunterLab(61.5554, 19.3999,
38.2698)

Have a look what the booklet for
HunterLab(61.5554, 19.3999,
38.2698) contains.

HunterLab(61.5479, 19.5603, 38.2679)	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(61.5479, 19.5603,
38.2679)**

Conversions

Conversions Part 1

Format	Color
Hex	E99200
RGB	233, 146, 0
RGB Percent	91%, 57%, 0%
CMY	0.0863, 0.4274, 0.9999
CMYK	0.00, 0.37, 1.00, 0.09
HSL	38°, 100%, 46%
HSV	38°, 100%, 91%
XYZ	43.8832, 37.8814, 4.9990
YIQ	155.3690, 98.7180, -26.9620

Conversions

Conversions Part 2

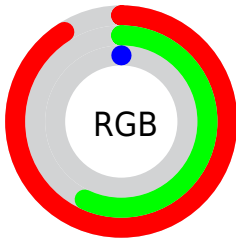
Format	Color
R_{YB}	139, 233, 0
Decimal	15307264
CIE _{Lab}	67.93, 24.66, 73.10
CIE _{LCh}	68, 77.145, 71.356
Yxy	37.8834, 0.5058, 0.4366
Android (android.graphics.Color)	4293497344 (0xFFE99200)
YUV	155.3690, -76.5969, 68.0824
Hunter-Lab	61.5479, 19.5603, 38.2679

Details

The HunterLab color **61.5479, 19.5603, 38.2679** 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 **35.6381, 28.3746, -105.7957**, and the grayscale version is **57.6771, -3.0775, 3.1337**.

A 20% lighter version of the original color is **79.4207, 2.9769, 44.0214**, and **41.0394, 19.0276, 25.6214** is the 20% darker color. If you saturate the color by 10%, you get **61.5481, 19.5592, 38.2681**, and if you desaturate by 10%, it is **63.8215, 15.3863, 38.8273**.

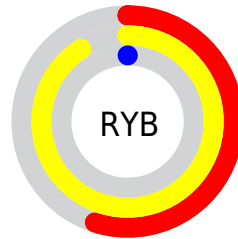
Distribution



Red (91%)

Green (57%)

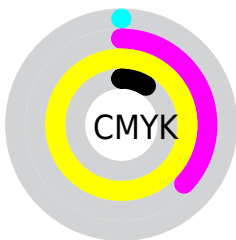
Blue (0%)



Red (55%)

Yellow (91%)

Blue (0%)

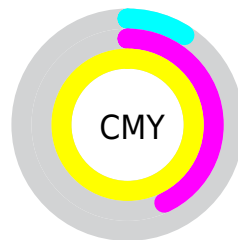


Cyan (0%)

Magenta (37%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (43%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.5479, 19.5603, 38.2679 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 61.5479, 19.5603, 38.2679 by changing the saturation by 10% instead.

61.5479, 19.5603,
38.2679

61.5479, 19.5603,
38.2679

183.6082, 21.9572,
77.2589

50.8844, 18.9160,
33.0692

84.8112, 20.5660,
48.0031

40.9182, 18.1703,
27.6754

97.3411, 20.9519,
52.5829

31.7040, 17.3054,
22.1928

110.4338, 21.2676,
57.0008

23.3090, 16.3048,
16.3163

124.0658, 21.5185,
61.2761

15.8226, 15.1516,
11.0758

138.2168, 21.7091,
65.4260

9.3723, 13.8469,
6.5606

152.8683, 21.8436,

0.0000, INF, NaN

69.4650

0.0000, NaN, NaN

168.0037, 21.9253,
73.4057

0.0000, NaN, NaN

61.5479, 19.5603,
38.2679

61.5479, 19.5603,
38.2679

61.5481, 19.5592,
38.2681

63.8215, 15.3863,
38.8273

66.2303, 11.5199,
38.6413

68.7823, 8.0374,
37.5416

71.4748, 4.9671,
35.4976

74.3032, 2.3204,
32.5159

■ 77.2617, 0.0966,
28.6253

■ 80.3441, -1.7130,
23.8679

■ 83.5439, -3.1227,
18.2927

■ 86.8549, -4.1507,
11.9524

Harmonies

Analogous

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



61.5495, 55.3075, 32.2843



61.5479, 19.5603, 38.2679



61.5495, -15.8960, 38.7626

Triad

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



61.5495, 19.5566, 38.2685



61.5495, -56.0420, -10.5211



61.5495, 47.3600, -65.9794

Complementary

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



61.5479, 19.5603, 38.2679



35.6381, 28.3746, -105.7957

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.



61.5495, 10.4256, -97.1845



61.5479, 19.5603, 38.2679



61.5495, -45.8315, -55.1609

Square

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



61.5495, 19.5566, 38.2685



61.5495, -54.6549, 20.3996



61.5495, -23.2200, -92.3930



61.5495, 73.6564, -20.6230

Rectangle

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



61.5479, 19.5603, 38.2679



61.5495, -34.3328, 36.6605



61.5495, -23.2200, -92.3930



61.5495, 35.4715, -79.3649

Sweetspot

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



61.5495, 19.5566, 38.2685



88.9521, -1.8702, 26.5291



42.4859, 74.4671, 14.1938



40.4768, -0.4964, 13.3566

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.5495, 19.5566, 38.2685



68.0647, 21.9094, 42.3247



84.4826, -32.6054, 51.4867



40.7761, -1.9652, 5.4349



46.6267, 14.1987, 28.9798



13.7502, 2.6363, 8.5190

Inverse Universe

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



35.6381, 28.3746, -105.7957



39.2973, 31.8934, -117.9669



24.7369, 66.1416, -168.3706



39.3324, -2.1559, -1.3101



27.2477, 20.3729, -78.0365



8.7307, 3.2320, -17.8897

Previews

White Background



This preview shows how the HunterLab color 61.5479, 19.5603, 38.2679 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 61.5479, 19.5603, 38.2679 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 61.5479, 19.5603, 38.2679 Background



This preview shows how black text looks on a background with the HunterLab color 61.5479, 19.5603, 38.2679.



This preview shows how white text looks on a background with the HunterLab color 61.5479, 19.5603,

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

61.5479, 19.5603, 38.2679

Protanopia

61.5449, -8.4228, 37.2653

Deuteranopia

61.4944, 4.5317, 37.9719



Tritanopia

61.6720, 35.6018, 12.4815

Trichromacy



Original Color

61.5479, 19.5603, 38.2679

Protanomaly

61.3660, 1.2827, 37.5300

Deuteranomaly

61.3905, 9.7573, 37.9993

Tritanomaly

61.2789, 27.5684, 28.2226

Monochromacy



Original Color

61.5479, 19.5603, 38.2679

Achromatopsia

57.2519, -3.0548, 3.1106

Achromatomaly

57.8140, 0.7397, 23.5319

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.5479, 19.5603, 38.2679 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, 146, 0)` looks like.

```
.text, #text, p{  
    color:rgb(233, 146, 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(233, 146, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 146, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 61.5479, 19.5603, 38.2679 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, 146, 0) }
```


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

```
.border{ border-color:rgb(233, 146, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 146, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 146, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 146, 0);  
box-shadow:4px 4px 4px 4px rgb(233, 146,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.5479, 19.5603, 38.2679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 146, 0) }
```

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

```
.background{ background-color: rgb(233,  
146, 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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