

Converting Colors

HunterLab(63.5166, 16.3593,
39.0100)

Have a look what the booklet for
HunterLab(63.5166, 16.3593,
39.0100) contains.

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Color

**HunterLab(63.4897, 16.5600,
38.9899)**

Conversions

Conversions Part 1

Format	Color
Hex	EA990F
RGB	234, 153, 15
RGB Percent	92%, 60%, 6%
CMY	0.0824, 0.4000, 0.9411
CMYK	0.00, 0.35, 0.94, 0.08
HSL	38°, 88%, 49%
HSV	38°, 94%, 92%
XYZ	45.4092, 40.3094, 5.8391
YIQ	161.4870, 92.5740, -25.7460

Conversions

Conversions Part 2

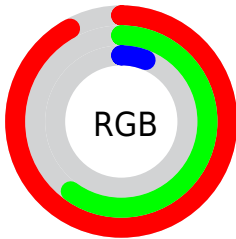
Format	Color
RYB	144, 234, 15
Decimal	15374607
CIELab	69.69, 21.52, 72.32
CIElCh	70, 75.453, 73.428
Yxy	40.3115, 0.4960, 0.4403
Android (android.graphics.Color)	4293564687 (0xFFEA990F)
YUV	161.4870, -72.2181, 63.5939
Hunter-Lab	63.4897, 16.5600, 38.9899

Details

The HunterLab color **63.4897, 16.5600, 38.9899** 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 **37.9585, 24.0089, -97.7754**, and the grayscale version is **60.1600, -3.2100, 3.2686**.

A 20% lighter version of the original color is **81.5351, -0.3025, 44.5755**, and **42.7474, 16.0745, 26.6222** is the 20% darker color. If you saturate the color by 10%, you get **62.0496, 19.2438, 38.5716**, and if you desaturate by 10%, it is **65.8455, 12.5851, 39.1114**.

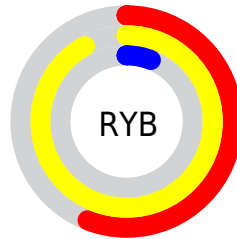
Distribution



Red (92%)

Green (60%)

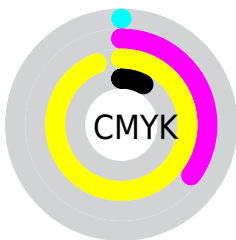
Blue (6%)



Red (56%)

Yellow (92%)

Blue (6%)

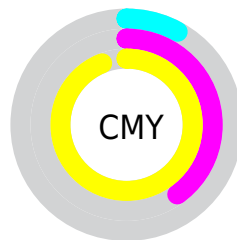


Cyan (0%)

Magenta (35%)

Yellow (94%)

Black (8%)



Cyan (8%)

Magenta (40%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.4897, 16.5600, 38.9899 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 63.4897, 16.5600, 38.9899 by changing the saturation by 10% instead.

63.4897, 16.5600,
38.9899

63.4897, 16.5600,
38.9899

186.3960, 17.7789,
77.3919

52.7082, 16.0741,
33.8802

86.9699, 17.2695,
48.5604

42.6157, 15.4946,
28.5320

99.6005, 17.5162,
53.0661

33.2651, 14.8042,
23.2855

112.7894, 17.6978,
57.4152

24.7205, 13.9860,
17.3043

126.5140, 17.8192,
61.6266

17.0666, 13.0195,
11.9466

140.7542, 17.8847,
65.7168

10.4227, 11.8866,
7.2959

155.4918, 17.8978,

0.0000, INF, NaN

69.6999

0.0000, NaN, NaN

170.7107, 17.8616,
73.5881

0.0000, NaN, NaN

■ 63.4897, 16.5600,
38.9899

■ 63.4897, 16.5600,
38.9899

■ 62.0496, 19.2438,
38.5716

■ 65.8455, 12.5851,
39.1114

■ 68.3418, 8.9837,
38.3389

■ 70.9787, 5.7885,
36.6223

■ 73.7525, 3.0162,
33.9559

■ 76.6579, 0.6702,
30.3610

■ 79.6890, -1.2555,
25.8750

■ 82.8396, -2.7735,
20.5448

■ 86.1033, -3.9004,
14.4217

■ 89.4740, -4.6557,
7.5587

Harmonies

Analogous

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



63.4913, 52.0160, 33.2435



63.4897, 16.5600, 38.9899



63.4913, -18.0052, 39.2197

Triad

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



63.4913, 16.5564, 38.9905



63.4913, -55.6880, -12.9246



63.4913, 48.6612, -61.1571

Complementary

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



63.4897, 16.5600, 38.9899



37.9585, 24.0089, -97.7754

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.



63.4913, 12.6774, -92.9911



63.4897, 16.5600, 38.9899



63.4913, -44.5729, -56.6434

Square

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



63.4913, 16.5564, 38.9905



63.4913, -55.0837, 18.8852



63.4913, -21.1444, -91.0026



63.4913, 73.0785, -17.1914

Rectangle

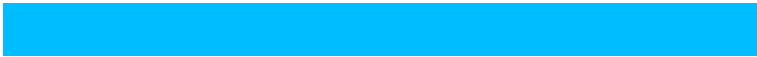
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.4897, 16.5600, 38.9899



63.4913, -35.8186, 36.7014



63.4913, -21.1444, -91.0026



63.4913, 37.2214, -74.4663

Sweetspot

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



63.4913, 16.5564, 38.9905



89.7315, -2.3515, 25.4328



43.2831, 74.1725, 11.8144



40.8216, -0.7372, 12.9142

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.4913, 16.5564, 38.9905



68.2942, 21.4427, 42.4580



85.0617, -32.0817, 51.5377



40.7874, -1.9841, 5.4470



46.7809, 13.8880, 29.0693



13.7891, 2.5622, 8.5416

Inverse Universe

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



37.9585, 24.0089, -97.7754



39.0908, 32.4169, -118.8389



25.9708, 63.9648, -160.5845



39.3210, -2.1370, -1.3242



27.1071, 20.7204, -78.6109



8.6925, 3.3118, -18.0142

Previews

White Background



This preview shows how the HunterLab color 63.4897, 16.5600, 38.9899 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 63.4897, 16.5600, 38.9899 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 63.4897, 16.5600, 38.9899 Background



This preview shows how black text looks on a background with the HunterLab color 63.4897, 16.5600, 38.9899.



This preview shows how white text looks on a background with the HunterLab color 63.4897, 16.5600,

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

63.4897, 16.5600, 38.9899

Protanopia

63.5533, -8.8537, 38.2981

Deuteranopia

63.5921, 4.4703, 39.2634



Tritanopia

63.3807, 33.7238, 11.4534

Trichromacy



Original Color

63.4897, 16.5600, 38.9899

Protanomaly

63.1374, 0.1228, 38.3286

Deuteranomaly

63.6358, 8.8520, 39.2333

Tritanomaly

63.0192, 25.6381, 27.2083

Monochromacy



Original Color

63.4897, 16.5600, 38.9899

Achromatopsia

59.6993, -3.1854, 3.2436

Achromatomaly

60.1895, 0.4603, 23.1212

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.4897, 16.5600, 38.9899 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(234, 153, 15)` looks like.

```
.text, #text, p{  
    color:rgb(234, 153, 15)  
}
```

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(234, 153, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 153, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 63.4897, 16.5600, 38.9899 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(234, 153, 15) }
```


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

```
.border{ border-color:rgb(234, 153, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 153, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 153, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 153, 15);  
box-shadow:4px 4px 4px 4px rgb(234, 153,  
15) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.4897, 16.5600, 38.9899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 153, 15) }
```

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

```
.background{ background-color: rgb(234,  
153, 15) }
```

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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