

Converting Colors

HunterLab(63.2420, 17.2691,
39.2718)

Have a look what the booklet for
HunterLab(63.2420, 17.2691,
39.2718) contains.

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Color

**HunterLab(63.3393, 17.3519,
39.3331)**

Conversions

Conversions Part 1

Format	Color
Hex	EB9800
RGB	235, 152, 0
RGB Percent	92%, 60%, 0%
CMY	0.0784, 0.4039, 0.9999
CMYK	0.00, 0.35, 1.00, 0.08
HSL	39°, 100%, 46%
HSV	39°, 100%, 92%
XYZ	45.4892, 40.1187, 5.3462
YIQ	159.4890, 98.2600, -29.6760

Conversions

Conversions Part 2

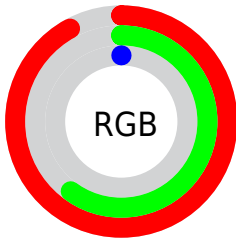
Format	Color
R _Y B	128, 235, 0
Decimal	15439872
CIE Lab	69.56, 22.33, 74.27
CIE LCh	70, 77.555, 73.263
Yxy	40.1207, 0.5001, 0.4411
Android (android.graphics.Color)	4293629952 (0xFFEB9800)
YUV	159.4890, -78.6281, 66.2231
Hunter-Lab	63.3393, 17.3519, 39.3331

Details

The HunterLab color **63.3393, 17.3519, 39.3331** 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 **34.9083, 31.4083, -111.4322**, and the grayscale version is **59.3660, -3.1676, 3.2255**.

A 20% lighter version of the original color is **81.1939, -0.0351, 45.0377**, and **42.6516, 16.9594, 26.5786** is the 20% darker color. If you saturate the color by 10%, you get **63.3395, 17.3508, 39.3333**, and if you desaturate by 10%, it is **65.5546, 13.3782, 39.8708**.

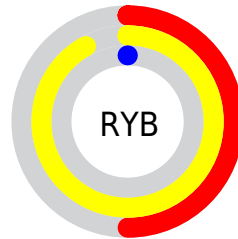
Distribution



Red (92%)

Green (60%)

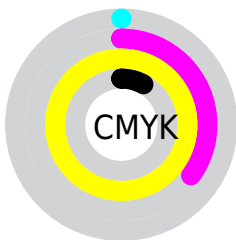
Blue (0%)



Red (50%)

Yellow (92%)

Blue (0%)

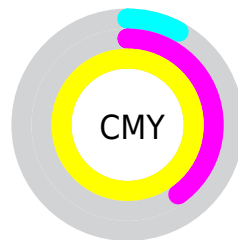


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (8%)



Cyan (8%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.3393, 17.3519, 39.3331 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 63.3393, 17.3519, 39.3331 by changing the saturation by 10% instead.

63.3393, 17.3519,
39.3331

63.3393, 17.3519,
39.3331

186.1806, 18.8583,
78.6761

52.5668, 16.8279,
34.1012

86.8028, 18.1331,
49.1413

42.4841, 16.2085,
28.6490

99.4257, 18.4137,
53.7599

33.1439, 15.4765,
23.2007

112.6072, 18.6280,
58.2174

24.6107, 14.6149,
17.2275

126.3248, 18.7810,
62.5329

16.9696, 13.6039,
11.8787

140.5580, 18.8771,
66.7231

10.3404, 12.4286,
7.2383

155.2891, 18.9200,

0.0000, INF, NaN

70.8023

0.0000, NaN, NaN

170.5015, 18.9128,
74.7831

0.0000, NaN, NaN

63.3393, 17.3519,
39.3331

63.3393, 17.3519,
39.3331

63.3395, 17.3508,
39.3333

65.5546, 13.3782,
39.8708

67.8948, 9.7163,
39.6567

70.3690, 6.4407,
38.5196

72.9757, 3.5795,
36.4234

75.7116, 1.1444,
33.3692

■ 78.5719, -0.8644,
29.3808

■ 81.5513, -2.4546,
24.4964

■ 84.6443, -3.6396,
18.7621

■ 87.8452, -4.4362,
12.2285

Harmonies

Analogous

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



63.3409, 53.9377, 33.6361



63.3393, 17.3519, 39.3331



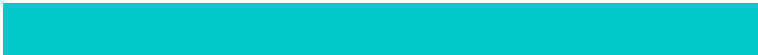
63.3409, -18.1998, 39.5790

Triad

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



63.3409, 17.3482, 39.3337



63.3409, -56.7887, -13.2061



63.3409, 50.1035, -63.7972

Complementary

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



63.3393, 17.3519, 39.3331



34.9083, 31.4083, -111.4322

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.



63.3409, 12.9347, -96.9342



63.3393, 17.3519, 39.3331



63.3409, -45.5811, -58.5963

Square

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



63.3409, 17.3482, 39.3337



63.3409, -56.1131, 19.3511



63.3409, -21.7494, -94.6343



63.3409, 75.4998, -18.0798

Rectangle

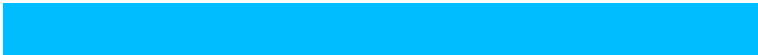
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.3393, 17.3519, 39.3331



63.3409, -36.4462, 37.1431



63.3409, -21.7494, -94.6343



63.3409, 38.2592, -77.6652

Sweetspot

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



63.3409, 17.3482, 39.3337



89.4266, -2.6718, 26.9573



42.8218, 74.9073, 15.4565



40.7255, -0.9186, 13.5731

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.3409, 17.3482, 39.3337



69.3888, 19.2422, 43.0939



84.9745, -34.1810, 51.7622



40.8409, -2.0731, 5.5041



47.5154, 12.4233, 29.4963



13.9739, 2.2135, 8.6494

Inverse Universe

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



34.9083, 31.4083, -111.4322



38.1350, 34.8892, -122.9812



25.0902, 66.8697, -169.0988



39.2674, -2.0480, -1.3904



26.4551, 22.3630, -81.3419



8.5143, 3.6900, -18.6079

Previews

White Background



This preview shows how the HunterLab color 63.3393, 17.3519, 39.3331 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 63.3393, 17.3519, 39.3331 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 63.3393, 17.3519, 39.3331 Background



This preview shows how black text looks on a background with the HunterLab color 63.3393, 17.3519, 39.3331.



This preview shows how white text looks on a background with the HunterLab color 63.3393, 17.3519,

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

63.3393, 17.3519, 39.3331

Protanopia

63.5372, -8.9436, 38.5373

Deuteranopia

63.4726, 4.0690, 39.1828



Tritanopia

63.2594, 34.5241, 11.7428

Trichromacy



Original Color

63.3393, 17.3519, 39.3331

Protanomaly

63.2319, 0.4063, 38.7011

Deuteranomaly

63.2324, 8.8971, 39.1192

Tritanomaly

62.8208, 26.1095, 28.4934

Monochromacy



Original Color

63.3393, 17.3519, 39.3331

Achromatopsia

58.8816, -3.1418, 3.1991

Achromatomaly

59.3981, 0.4250, 24.3187

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.3393, 17.3519, 39.3331 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(235, 152, 0)` looks like.

```
.text, #text, p{  
    color:rgb(235, 152, 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(235, 152, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 152, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 63.3393, 17.3519, 39.3331 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(235, 152, 0) }
```


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

```
.border{ border-color:rgb(235, 152, 0) }
```

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

Here you see how a box with a 4 pixel rgb(235, 152, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 152, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 152, 0);  
box-shadow:4px 4px 4px 4px rgb(235, 152,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.3393, 17.3519, 39.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 152, 0) }
```

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

```
.background{ background-color: rgb(235,  
152, 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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