

Converting Colors

HunterLab(63.1667, 14.6164,
39.1789)

Have a look what the booklet for
HunterLab(63.1667, 14.6164,
39.1789) contains.

HunterLab(63.1935, 14.2294, 39.1887)	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(63.1935, 14.2294,
39.1887)**

Conversions

Conversions Part 1

Format	Color
Hex	E69A00
RGB	230, 154, 0
RGB Percent	90%, 60%, 0%
CMY	0.0980, 0.3961, 1.0000
CMYK	0.00, 0.33, 1.00, 0.10
HSL	40°, 100%, 45%
HSV	40°, 100%, 90%
XYZ	44.1887, 39.9342, 5.3790
YIQ	159.1680, 94.7300, -31.7820

Conversions

Conversions Part 2

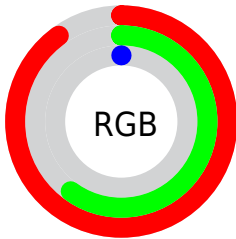
Format	Color
RYB	114, 230, 0
Decimal	15112704
CIELab	69.42, 19.14, 73.89
CIElCh	69, 76.332, 75.481
Yxy	39.9362, 0.4937, 0.4462
Android (android.graphics.Color)	4293302784 (0xFFE69A00)
YUV	159.1680, -78.4698, 62.1197
Hunter-Lab	63.1935, 14.2294, 39.1887

Details

The HunterLab color **63.1935, 14.2294, 39.1887** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **32.9889, 33.5389, -113.6329**, and the grayscale version is **59.2349, -3.1606, 3.2183**.

A 20% lighter version of the original color is **81.7885, -1.0509, 45.4227**, and **42.4562, 13.9870, 26.4062** is the 20% darker color. If you saturate the color by 10%, you get **63.1941, 14.2277, 39.1890**, and if you desaturate by 10%, it is **65.2586, 10.6316, 39.6612**.

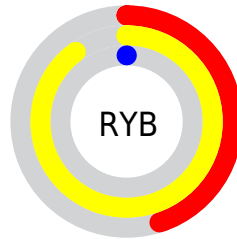
Distribution



Red (90%)

Green (60%)

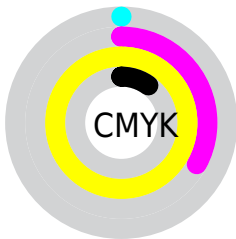
Blue (0%)



Red (45%)

Yellow (90%)

Blue (0%)

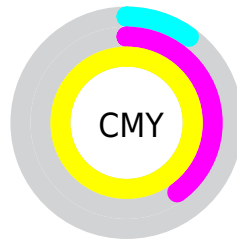


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (10%)



Cyan (10%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.1935, 14.2294, 39.1887 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 63.1935, 14.2294, 39.1887 by changing the saturation by 10% instead.

63.1935, 14.2294,
39.1887

63.1935, 14.2294,
39.1887

185.9717, 14.6348,
78.3702

52.4298, 13.8508,
33.9765

86.6409, 14.7369,
48.9576

42.3564, 13.3830,
28.5417

99.2562, 14.8879,
53.5572

33.0264, 12.8091,
23.1185

112.4306, 14.9770,
57.9961

24.5043, 12.1119,
17.1530

126.1412, 15.0089,
62.2937

16.8757, 11.2695,
11.8130

140.3678, 14.9874,
66.4664

10.2608, 10.2574,
7.1826

155.0924, 14.9160,

0.0000, INF, NaN

70.5287

0.0000, NaN, NaN

170.2986, 14.7976,
74.4931

0.0000, NaN, NaN

63.1935, 14.2294,
39.1887

63.1935, 14.2294,
39.1887

63.1941, 14.2277,
39.1890

65.2586, 10.6316,
39.6612

67.4335, 7.3360,
39.4070

69.7282, 4.4142,
38.2545

72.1424, 1.8931,
36.1634

74.6742, -0.2156,
33.1292

■ 77.3199, -1.9106,
29.1696

■ 80.0756, -3.1980,
24.3166

■ 82.9367, -4.0893,
18.6112

■ 85.8985, -4.5997,
12.0993

Harmonies

Analogous

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



63.1951, 50.5023, 34.0126



63.1935, 14.2294, 39.1887



63.1951, -20.2062, 39.1206

Triad

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



63.1951, 14.2259, 39.1893



63.1951, -55.6527, -15.9404



63.1951, 51.5420, -59.1536

Complementary

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



63.1935, 14.2294, 39.1887



32.9889, 33.5389, -113.6329

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.



63.1951, 15.4252, -93.3049



63.1935, 14.2294, 39.1887



63.1951, -43.6616, -60.5582

Square

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



63.1951, 14.2259, 39.1893



63.1951, -55.8378, 17.3657



63.1951, -19.2388, -93.9249



63.1951, 74.9958, -14.6186

Rectangle

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



63.1935, 14.2294, 39.1887



63.1951, -37.6079, 36.3600



63.1951, -19.2388, -93.9249



63.1951, 40.1711, -73.0781

Sweetspot

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



63.1951, 14.2259, 39.1893



89.9633, -3.5736, 27.4399



41.6586, 72.6151, 17.0339



41.0070, -1.3934, 13.8173

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.1951, 14.2259, 39.1893



70.9145, 16.2397, 43.9815



82.3143, -35.7305, 50.0959



39.9656, -2.1439, 5.4450



47.7933, 10.2328, 29.6291



13.6249, 1.5924, 8.4235

Inverse Universe

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



32.9889, 33.5389, -113.6329



36.8791, 38.2678, -128.7048



24.7629, 65.4752, -162.8386



38.2899, -1.8825, -1.4375



25.2198, 24.1599, -83.6767



7.9707, 3.8704, -18.3178

Previews

White Background



This preview shows how the HunterLab color 63.1935, 14.2294, 39.1887 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 63.1935, 14.2294, 39.1887 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 63.1935, 14.2294, 39.1887 Background



This preview shows how black text looks on a background with the HunterLab color 63.1935, 14.2294, 39.1887.



This preview shows how white text looks on a background with the HunterLab color 63.1935, 14.2294, 39.1887.

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

63.1935, 14.2294, 39.1887

Protanopia

63.2380, -8.4881, 38.3946

Deuteranopia

63.1956, 4.5630, 39.0207



Tritanopia

63.0959, 31.7332, 10.7071

Trichromacy



Original Color

63.1935, 14.2294, 39.1887

Protanomaly

63.0037, -0.3753, 38.5458

Deuteranomaly

62.9836, 8.0786, 38.9516

Tritanomaly

62.6432, 23.0743, 28.0677

Monochromacy



Original Color

63.1935, 14.2294, 39.1887

Achromatopsia

58.8816, -3.1418, 3.1991

Achromatomaly

59.4708, -0.7828, 24.3575

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.1935, 14.2294, 39.1887 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(230, 154, 0)` looks like.

```
.text, #text, p{  
    color:rgb(230, 154, 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(230, 154, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 154, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 63.1935, 14.2294, 39.1887 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(230, 154, 0) }
```


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

```
.border{ border-color:rgb(230, 154, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 154, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 154, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 154, 0);  
box-shadow:4px 4px 4px 4px rgb(230, 154,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.1935, 14.2294, 39.1887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 154, 0) }
```

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

```
.background{ background-color: rgb(230,  
154, 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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