

Converting Colors

HunterLab(63.6326, 14.7247,
39.4679)

Have a look what the booklet for
HunterLab(63.6326, 14.7247,
39.4679) contains.

HunterLab(63.7169, 14.5609, 39.5170)	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(63.7169, 14.5609,
39.5170)**

Conversions

Conversions Part 1

Format	Color
Hex	E89B00
RGB	232, 155, 0
RGB Percent	91%, 61%, 0%
CMY	0.0902, 0.3921, 1.0000
CMYK	0.00, 0.33, 1.00, 0.09
HSL	40°, 100%, 45%
HSV	40°, 100%, 91%
XYZ	45.0000, 40.5984, 5.4645
YIQ	160.3530, 95.6470, -31.8810

Conversions

Conversions Part 2

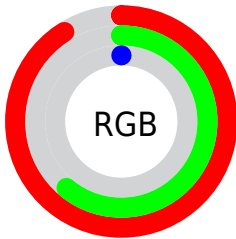
Format	Color
RYB	115, 232, 0
Decimal	15244032
CIELab	69.90, 19.46, 74.32
CIELCh	70, 76.826, 75.325
Yxy	40.6005, 0.4942, 0.4458
Android (android.graphics.Color)	4293434112 (0xFFE89B00)
YUV	160.3530, -79.0540, 62.8344
Hunter-Lab	63.7169, 14.5609, 39.5170

Details

The HunterLab color **63.7169, 14.5609, 39.5170** 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 **33.3687, 33.7187, -114.4957**, and the grayscale version is **59.7217, -3.1866, 3.2448**.

A 20% lighter version of the original color is **82.0870, -1.5581, 45.6157**, and **42.9496, 14.3088, 26.7158** is the 20% darker color. If you saturate the color by 10%, you get **63.7174, 14.5593, 39.5173**, and if you desaturate by 10%, it is **65.8092, 10.9064, 40.0018**.

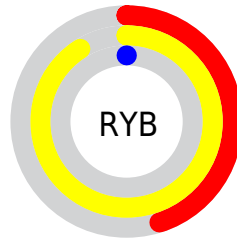
Distribution



Red (91%)

Green (61%)

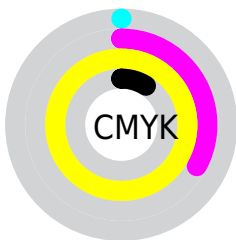
Blue (0%)



Red (45%)

Yellow (91%)

Blue (0%)

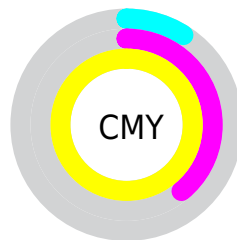


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.7169, 14.5609, 39.5170 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 63.7169, 14.5609, 39.5170 by changing the saturation by 10% instead.

63.7169, 14.5609,
39.5170

63.7169, 14.5609,
39.5170

186.7212, 15.0555,
78.8405

52.9217, 14.1713,
34.2900

87.2222, 15.0897,
49.3171

42.8147, 13.6923,
28.8369

99.8644, 15.2511,
53.9327

33.4483, 13.1073,
23.4138

113.0645, 15.3503,
58.3878

24.8864, 12.3991,
17.4205

126.7999, 15.3920,
62.7013

17.2134, 11.5462,
12.0494

141.0504, 15.3802,
66.8900

10.5473, 10.5247,
7.3831

155.7980, 15.3183,

0.0000, INF, NaN

70.9681

0.0000, NaN, NaN

171.0265, 15.2092,
74.9481

0.0000, NaN, NaN

63.7169, 14.5609,
39.5170

63.7169, 14.5609,
39.5170

63.7174, 14.5593,
39.5173

65.8092, 10.9064,
40.0018

68.0133, 7.5576,
39.7512

70.3390, 4.5868,
38.5926

72.7863, 2.0211,
36.4857

75.3528, -0.1275,
33.4260

■ 78.0350, -1.8578,
29.4319

■ 80.8288, -3.1761,
24.5359

■ 83.7294, -4.0942,
18.7799

■ 86.7320, -4.6273,
12.2105

Harmonies

Analogous

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



63.7185, 51.1502, 34.2630



63.7169, 14.5609, 39.5170



63.7185, -20.2314, 39.4708

Triad

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



63.7185, 14.5573, 39.5176



63.7185, -56.1841, -15.8764



63.7185, 51.8598, -59.9532

Complementary

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



63.7169, 14.5609, 39.5170



33.3687, 33.7187, -114.4957

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.



63.7185, 15.3757, -94.3133



63.7169, 14.5609, 39.5170



63.7185, -44.1510, -60.9121

Square

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



63.7185, 14.5573, 39.5176



63.7185, -56.3104, 17.6483



63.7185, -19.5714, -94.7366



63.7185, 75.6397, -14.9743

Rectangle

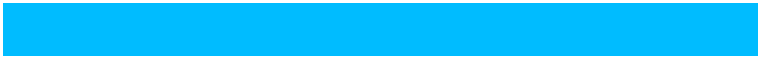
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.7169, 14.5609, 39.5170



63.7185, -37.8327, 36.7112



63.7185, -19.5714, -94.7366



63.7185, 40.3634, -73.9874

Sweetspot

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



63.7185, 14.5573, 39.5176



89.9287, -3.5157, 27.4089



42.0673, 73.3251, 17.2203



40.9889, -1.3629, 13.8016

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.7185, 14.5573, 39.5176



70.8154, 16.4326, 43.9238



83.1229, -36.0880, 50.5879



39.9611, -2.1363, 5.4402



47.7279, 10.3590, 29.5911



13.6092, 1.6212, 8.4143

Inverse Universe

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



33.3687, 33.7187, -114.4957



36.9580, 38.0508, -128.3351



25.0030, 66.1166, -164.4701



38.2945, -1.8901, -1.4319



25.2731, 24.0176, -83.4363



7.9851, 3.8387, -18.2673

Previews

White Background



This preview shows how the HunterLab color 63.7169, 14.5609, 39.5170 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 63.7169, 14.5609, 39.5170 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 63.7169, 14.5609, 39.5170 Background



This preview shows how black text looks on a background with the HunterLab color 63.7169, 14.5609, 39.5170.



This preview shows how white text looks on a background with the HunterLab color 63.7169, 14.5609, 39.5170.

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

63.7169, 14.5609, 39.5170

Protanopia

63.9374, -9.0453, 38.7850

Deuteranopia

63.7121, 4.8725, 39.3444



Tritanopia

63.7682, 32.5261, 11.0305

Trichromacy



Original Color

63.7169, 14.5609, 39.5170

Protanomaly

63.6865, -0.9567, 38.9593

Deuteranomaly

63.5027, 8.3967, 39.2770

Tritanomaly

63.1772, 23.4598, 28.2621

Monochromacy



Original Color

63.7169, 14.5609, 39.5170

Achromatopsia

59.2902, -3.1636, 3.2213

Achromatomaly

59.8767, -0.8178, 24.4342

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.7169, 14.5609, 39.5170 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(232, 155, 0)` looks like.

```
.text, #text, p{  
    color:rgb(232, 155, 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(232, 155, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 155, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 63.7169, 14.5609, 39.5170 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(232, 155, 0) }
```


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

```
.border{ border-color:rgb(232, 155, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 155, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 155, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 155, 0);  
box-shadow:4px 4px 4px 4px rgb(232, 155,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.7169, 14.5609, 39.5170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 155, 0) }
```

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

```
.background{ background-color: rgb(232,  
155, 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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