

Converting Colors

HunterLab(66.0159, 15.3112,
39.9028)

Have a look what the booklet for
HunterLab(66.0159, 15.3112,
39.9028) contains.

HunterLab(66.0159, 15.3112, 39.9028)	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(66.0159, 15.3112,
39.9028)**

Conversions

Conversions Part 1

Format	Color
Hex	EFA01D
RGB	239, 160, 29
RGB Percent	94%, 63%, 11%
CMY	0.0627, 0.3725, 0.8863
CMYK	0.00, 0.33, 0.88, 0.06
HSL	37°, 87%, 53%
HSV	37°, 88%, 94%
XYZ	48.3891, 43.5810, 7.0240
YIQ	168.6870, 89.1350, -23.9930

Conversions

Conversions Part 2

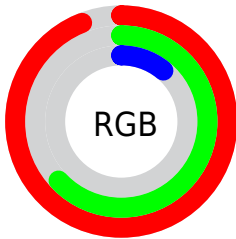
Format	Color
RYB	156, 239, 29
Decimal	15704093
CIELab	71.95, 20.16, 71.42
CIELCh	72, 74.212, 74.239
Yxy	43.5832, 0.4888, 0.4402
Android (android.graphics.Color)	4293894173 (0xFFEFA01D)
YUV	168.6870, -68.8657, 61.6645
Hunter-Lab	66.0159, 15.3112, 39.9028

Details

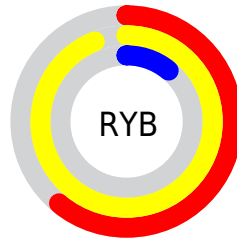
The HunterLab color **66.0159, 15.3112, 39.9028** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **41.4946, 19.6534, -90.7687**, and the grayscale version is **63.1101, -3.3674, 3.4289**.

A 20% lighter version of the original color is **84.0232, -3.8853, 44.8812**, and **45.0382, 14.7175, 28.0100** is the 20% darker color. If you saturate the color by 10%, you get **63.6398, 19.5986, 39.4210**, and if you desaturate by 10%, it is **68.5431, 11.3641, 39.5312**.

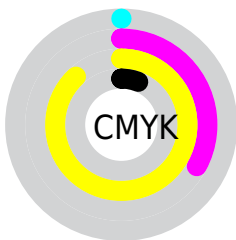
Distribution



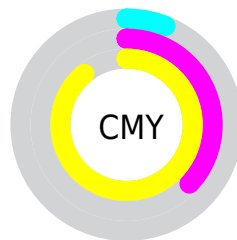
- Red (94%)
- Green (63%)
- Blue (11%)



- Red (61%)
- Yellow (94%)
- Blue (11%)



- Cyan (0%)
- Magenta (33%)
- Yellow (88%)
- Black (6%)





- Cyan (6%)
- Magenta (37%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 66.0159, 15.3112, 39.9028 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 66.0159, 15.3112, 39.9028 by changing the saturation by 10% instead.


 66.0159, 15.3112,
39.9028


 66.0159, 15.3112,
39.9028


190.0013, 15.9398,
77.6094


 55.0845, 14.9075,
34.9007

 89.7721, 15.8693,
49.2770


 44.8320, 14.4155,
29.6608


 102.5309, 16.0457,
53.6951


 35.3088, 13.8188,
24.6100


 115.8427, 16.1600,
57.9630

 26.5756, 13.1013,
18.6029

 129.6854, 16.2168,
62.0991

 18.7117, 12.2425,
13.0982

 144.0394, 16.2201,
66.1191

 11.8267, 11.2195,
8.2787

 158.8870, 16.1731,

 4.6451, 18.6610,

70.0367

3.2516

174.2125, 16.0788,
73.8635

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.0159, 15.3112,
39.9028

■ 66.0159, 15.3112,
39.9028

■ 63.6398, 19.5986,
39.4210

■ 68.5431, 11.3641,
39.5312

■ 63.1472, 20.5362,
39.2705

■ 71.2176, 7.8249,
38.2055

■ 74.0375, 4.7150,
35.9050

■ 76.9978, 2.0433,
32.6429

■ 80.0921, -0.1930,

28.4531

■ 83.3138, -2.0046,
23.3816

■ 86.6561, -3.4073,
17.4806

■ 90.1123, -4.4204,
10.8052

■ 93.6759, -5.0651,
3.4100

Harmonies

Analogous

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



66.0176, 50.5183, 34.0395



66.0159, 15.3112, 39.9028



66.0176, -18.9394, 40.0230

Triad

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



66.0176, 15.3075, 39.9034



66.0176, -55.9512, -13.7252



66.0176, 48.9180, -58.7916

Complementary

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



66.0159, 15.3112, 39.9028



41.4946, 19.6534, -90.7687

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.



66.0176, 13.4454, -90.3779



66.0159, 15.3112, 39.9028



66.0176, -44.3516, -56.6633

Square

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



66.0176, 15.3075, 39.9034



66.0176, -55.6540, 18.4304



66.0176, -20.4596, -89.4454



66.0176, 72.4558, -15.7620

Rectangle

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



66.0159, 15.3112, 39.9028



66.0176, -36.6098, 37.2162



66.0176, -20.4596, -89.4454



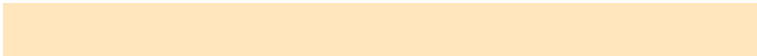
66.0176, 37.7108, -71.8872

Sweetspot

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



66.0176, 15.3075, 39.9034



90.3041, -2.4568, 24.1044



45.1050, 74.7070, 9.8960



41.2104, -0.8592, 12.1035

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.0176, 15.3075, 39.9034



67.8844, 22.2772, 42.2201



87.2884, -32.1730, 52.4336



41.7154, -1.9949, 5.5589



47.2196, 14.7040, 29.3539



14.3022, 2.8956, 8.8636

Inverse Universe

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



41.4946, 19.6534, -90.7687



39.4609, 31.4812, -117.2815



28.0742, 62.2284, -154.0706



40.2530, -2.2210, -1.3380



27.7634, 20.4772, -78.9063



9.0919, 3.4535, -18.8191

Previews

White Background



This preview shows how the HunterLab color 66.0159, 15.3112, 39.9028 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 66.0159, 15.3112, 39.9028 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 66.0159, 15.3112, 39.9028 Background



This preview shows how black text looks on a background with the HunterLab color 66.0159, 15.3112, 39.9028.



This preview shows how white text looks on a background with the HunterLab color 66.0159, 15.3112,

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

66.0159, 15.3112, 39.9028

Protanopia

66.1074, -8.8590, 39.2227

Deuteranopia

66.1476, 4.5647, 40.1132



Tritanopia

66.0498, 33.3172, 11.4289

Trichromacy



Original Color

66.0159, 15.3112, 39.9028

Protanomaly

65.9744, -0.3182, 39.4195

Deuteranomaly

66.0594, 8.5411, 40.0296

Tritanomaly

65.5797, 24.8080, 26.9852

Monochromacy



Original Color

66.0159, 15.3112, 39.9028

Achromatopsia

62.9885, -3.3609, 3.4223

Achromatomaly

63.2849, -0.3106, 22.9328

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.0159, 15.3112, 39.9028 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(239, 160, 29)` looks like.

```
.text, #text, p{  
    color:rgb(239, 160, 29)  
}
```

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(239, 160, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 160, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 66.0159, 15.3112, 39.9028 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(239, 160, 29) }
```


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

```
.border{ border-color:rgb(239, 160, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 160, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 160, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 160, 29);  
box-shadow:4px 4px 4px 4px rgb(239, 160,  
29) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.0159, 15.3112, 39.9028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 160, 29) }
```

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

```
.background{ background-color: rgb(239,  
160, 29) }
```

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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