

Converting Colors

HunterLab(66.6211, 16.1258,
40.7703)

Have a look what the booklet for
HunterLab(66.6211, 16.1258,
40.7703) contains.

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Color

**HunterLab(66.6438, 15.9024,
40.7959)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A113
RGB	242, 161, 19
RGB Percent	95%, 63%, 7%
CMY	0.0510, 0.3686, 0.9255
CMYK	0.00, 0.33, 0.92, 0.05
HSL	38°, 90%, 51%
HSV	38°, 92%, 95%
XYZ	49.4803, 44.4140, 6.5809
YIQ	169.0310, 93.8580, -26.9900

Conversions

Conversions Part 2

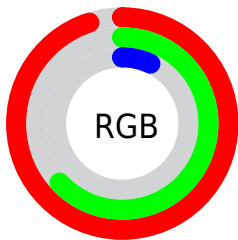
Format	Color
R _Y B	146, 242, 19
Decimal	15900947
CIE Lab	72.51, 20.74, 74.10
CIE LCh	73, 76.951, 74.367
Yxy	44.4162, 0.4925, 0.4420
Android (android.graphics.Color)	4294091027 (0xFFFF2A113)
YUV	169.0310, -73.9653, 63.9938
Hunter-Lab	66.6438, 15.9024, 40.7959

Details

The HunterLab color **66.6438, 15.9024, 40.7959** 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 **39.5777, 24.7882, -101.0214**, and the grayscale version is **63.2714, -3.3760, 3.4377**.

A 20% lighter version of the original color is **84.2779, -4.6582, 45.8039**, and **45.4319, 15.9326, 28.2739** is the 20% darker color. If you saturate the color by 10%, you get **64.8245, 19.2531, 40.2816**, and if you desaturate by 10%, it is **69.0842, 11.8951, 40.7988**.

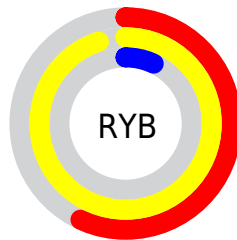
Distribution



Red (95%)

Green (63%)

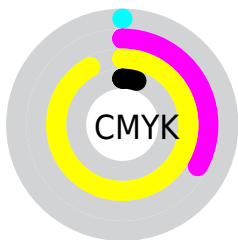
Blue (7%)



Red (57%)

Yellow (95%)

Blue (7%)

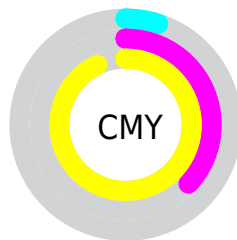


Cyan (0%)

Magenta (33%)

Yellow (92%)

Black (5%)



Cyan (5%)

Magenta (37%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.6438, 15.9024, 40.7959 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 66.6438, 15.9024, 40.7959 by changing the saturation by 10% instead.

66.6438, 15.9024,
40.7959

66.6438, 15.9024,
40.7959

190.8937, 16.7011,
79.6949

55.6757, 15.4772,
35.6425

90.4675, 16.5017,
50.4655

45.3842, 14.9632,
30.2534

103.2577, 16.6978,
55.0252

35.8189, 14.3441,
25.0732

116.5997, 16.8315,
59.4300

27.0398, 13.6040,
18.9279

130.4713, 16.9071,
63.6983

19.1251, 12.7227,
13.3875

144.8533, 16.9287,
67.8461

12.1819, 11.6785,
8.5273

159.7279, 16.8997,

5.2670, 16.8741,

71.8871

3.6869

175.0796, 16.8230,
75.8333

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.6438, 15.9024,
40.7959

■ 66.6438, 15.9024,
40.7959

■ 64.8245, 19.2531,
40.2816

■ 69.0842, 11.8951,
40.7988


■ 71.6671, 8.2831,
39.8594


■ 74.3931, 5.0973,
37.9315


■ 77.2581, 2.3530,
35.0117


■ 80.2571, 0.0523,

31.1233

 83.3841, -1.8117,
26.3054

 86.6329, -3.2525,
20.6067

 89.9971, -4.2875,
14.0802

 93.4706, -4.9368,
6.7807

Harmonies

Analogous

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



66.6455, 52.7461, 34.9786



66.6438, 15.9024, 40.7959



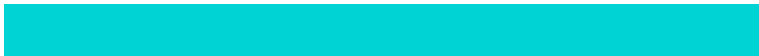
66.6455, -19.7021, 40.8944

Triad

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



66.6455, 15.8986, 40.7965



66.6455, -57.7341, -14.6283



66.6455, 51.3509, -61.6918

Complementary

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



66.6438, 15.9024, 40.7959



39.5777, 24.7882, -101.0214

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.



66.6455, 14.2824, -95.2427



66.6438, 15.9024, 40.7959



66.6455, -45.7589, -59.8210

Square

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



66.6455, 15.8986, 40.7965



66.6455, -57.4805, 18.8917



66.6455, -21.0135, -94.4198



66.6455, 75.9601, -16.4031

Rectangle

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



66.6438, 15.9024, 40.7959



66.6455, -37.9528, 38.0935



66.6455, -21.0135, -94.4198



66.6455, 39.6295, -75.5654

Sweetspot

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



66.6455, 15.8986, 40.7965



89.8774, -2.5977, 25.5668



45.0314, 76.5343, 12.9546



40.8990, -0.8683, 12.9827

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.6455, 15.8986, 40.7965



68.7278, 20.5662, 42.7098



88.0838, -34.3859, 53.2599



41.7580, -2.0659, 5.6045



47.7950, 13.5459, 29.6882



14.4525, 2.6091, 8.9512

Inverse Universe

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



39.5777, 24.7882, -101.0214



38.7065, 33.4010, -120.4830



27.4288, 65.9773, -163.5259



40.2102, -2.1501, -1.3908



27.2414, 21.7734, -81.0519



8.9453, 3.7634, -19.3051

Previews

White Background



This preview shows how the HunterLab color 66.6438, 15.9024, 40.7959 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 66.6438, 15.9024, 40.7959 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 66.6438, 15.9024, 40.7959 Background



This preview shows how black text looks on a background with the HunterLab color 66.6438, 15.9024, 40.7959.



This preview shows how white text looks on a background with the HunterLab color 66.6438, 15.9024,

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

66.6438, 15.9024, 40.7959

Protanopia

66.8789, -9.2559, 40.2331

Deuteranopia

66.6209, 4.6248, 41.1325



Tritanopia

66.7275, 34.1169, 11.7545

Trichromacy



Original Color

66.6438, 15.9024, 40.7959

Protanomaly

66.4574, -0.1981, 40.2241

Deuteranomaly

66.5407, 8.6406, 40.9743

Tritanomaly

66.1877, 25.2772, 28.2669

Monochromacy



Original Color

66.6438, 15.9024, 40.7959

Achromatopsia

62.9885, -3.3609, 3.4223

Achromatomaly

63.4217, 0.0113, 24.1979

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.6438, 15.9024, 40.7959 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(242, 161, 19)` looks like.

```
.text, #text, p{  
    color:rgb(242, 161, 19)  
}
```

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(242, 161, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 161, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 66.6438, 15.9024, 40.7959 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(242, 161, 19) }
```


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

```
.border{ border-color:rgb(242, 161, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 161, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 161, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 161, 19);  
box-shadow:4px 4px 4px 4px rgb(242, 161,  
19) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.6438, 15.9024, 40.7959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 161, 19) }
```

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

```
.background{ background-color: rgb(242,  
161, 19) }
```

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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