

Converting Colors

HunterLab(68.8148, 4.9262,
41.4313)

Have a look what the booklet for
HunterLab(68.8148, 4.9262,
41.4313) contains.

HunterLab(68.8148, 4.9262, 41.4313)	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(68.8148, 4.9262,
41.4313)**

Conversions

Conversions Part 1

Format	Color
Hex	E7AE1E
RGB	231, 174, 30
RGB Percent	91%, 68%, 12%
CMY	0.0941, 0.3176, 0.8823
CMYK	0.00, 0.25, 0.87, 0.09
HSL	43°, 81%, 51%
HSV	43°, 87%, 91%
XYZ	48.3254, 47.3548, 7.8217
YIQ	174.6270, 80.1960, -32.7000

Conversions

Conversions Part 2

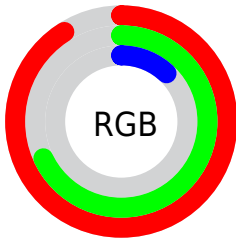
Format	Color
RYB	110, 231, 30
Decimal	15183390
CIELab	74.42, 9.34, 72.75
CIELCh	74, 73.347, 82.683
Yxy	47.3571, 0.4669, 0.4575
Android (android.graphics.Color)	4293373470 (0xFFE7AE1E)
YUV	174.6270, -71.3011, 49.4391
Hunter-Lab	68.8148, 4.9262, 41.4313

Details

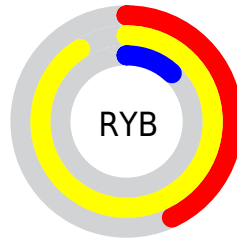
The HunterLab color **68.8148, 4.9262, 41.4313** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **35.8638, 28.6569, -102.3823**, and the grayscale version is **65.5844, -3.4994, 3.5633**.

A 20% lighter version of the original color is **88.3580, -10.8069, 47.4624**, and **47.3974, 5.6960, 29.3058** is the 20% darker color. If you saturate the color by 10%, you get **66.9394, 7.9059, 41.2104**, and if you desaturate by 10%, it is **70.7916, 2.2738, 40.8294**.

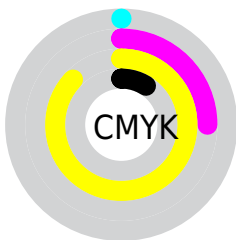
Distribution



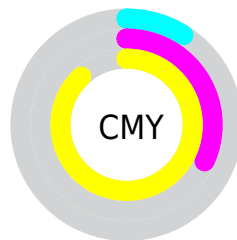
- Red (91%)
- Green (68%)
- Blue (12%)



- Red (43%)
- Yellow (91%)
- Blue (12%)



- Cyan (0%)
- Magenta (25%)
- Yellow (87%)
- Black (9%)



- Cyan (9%)
- Magenta (32%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.8148, 4.9262, 41.4313 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 68.8148, 4.9262, 41.4313 by changing the saturation by 10% instead.

68.8148, 4.9262,
41.4313

68.8148, 4.9262,
41.4313

193.9686, 1.6424,
79.4691

57.7218, 5.0500,
36.4039

92.8690, 4.5008,
50.8669

47.2972, 5.1133,
31.1422

105.7665, 4.2151,
55.3201

37.5888, 5.1043,
25.8895

119.2113, 3.8843,
59.6249

28.6541, 5.0121,
20.0579

133.1820, 3.5114,
63.7993

20.5669, 4.8210,
14.3968

147.6594, 3.0987,
67.8585

13.4277, 4.5075,
9.3994

162.6264, 2.6485,

6.9933, 5.4473,

71.8159

4.8953

178.0675, 2.1625,
75.6828

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.8148, 4.9262,
41.4313

■ 68.8148, 4.9262,
41.4313

■ 66.9394, 7.9059,
41.2104

■ 70.7916, 2.2738,
40.8294

■ 66.3919, 8.8325,
41.0650

■ 72.8694, 0.0029,
39.3076

■ 75.0510, -1.8671,
36.8270

■ 77.3360, -3.3253,
33.3782

■ 79.7226, -4.3703,

28.9729

■ 82.2082, -5.0066,
23.6362

■ 84.7899, -5.2441,
17.4027

■ 87.4642, -5.0957,
10.3131

■ 90.2277, -4.5767,
2.4114

Harmonies

Analogous

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



68.8165, 41.0185, 37.2827



68.8148, 4.9262, 41.4313



68.8165, -27.2953, 40.1207

Triad

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



68.8165, 4.9228, 41.4319



68.8165, -54.5457, -25.0881



68.8165, 56.9865, -46.1419

Complementary

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



68.8148, 4.9262, 41.4313



35.8638, 28.6569, -102.3823

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.



68.8165, 23.6338, -82.8601



68.8148, 4.9262, 41.4313



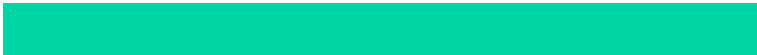
68.8165, -39.2512, -67.1114

Square

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



68.8165, 4.9228, 41.4319



68.8165, -57.6119, 11.2633



68.8165, -11.8715, -91.9888



68.8165, 74.6696, -4.7287

Rectangle

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



68.8148, 4.9262, 41.4313



68.8165, -42.9049, 35.7371



68.8165, -11.8715, -91.9888



68.8165, 46.9570, -60.1321

Sweetspot

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



68.8165, 4.9228, 41.4319



92.2102, -5.6414, 25.8744



43.1985, 70.1730, 14.4775



42.2054, -2.5252, 13.0004

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.8165, 4.9228, 41.4319



74.1622, 10.0807, 45.8749



82.6412, -36.0939, 49.4096



40.1126, -2.3876, 5.6014



49.9325, 6.2042, 30.8768



14.1365, 0.6733, 8.7226

Inverse Universe

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



35.8638, 28.6569, -102.3823



34.4885, 45.1623, -140.6001



28.2987, 60.4131, -139.8992



38.1436, -1.6382, -1.6194



23.5980, 28.6973, -91.4446



7.5210, 4.8963, -19.9702

Previews

White Background



This preview shows how the HunterLab color 68.8148, 4.9262, 41.4313 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 68.8148, 4.9262, 41.4313 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 68.8148, 4.9262, 41.4313 Background



This preview shows how black text looks on a background with the HunterLab color 68.8148, 4.9262, 41.4313.



This preview shows how white text looks on a background with the HunterLab color 68.8148, 4.9262,

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

68.8148, 4.9262, 41.4313

Protanopia

68.9294, -9.6136, 41.0680

Deuteranopia

68.8148, 4.9262, 41.4313



Tritanopia

68.7367, 25.5427, 8.2615

Trichromacy



Original Color

68.8148, 4.9262, 41.4313

Protanomaly

68.6978, -4.3190, 41.0763

Deuteranomaly

68.8148, 4.9262, 41.4313

Tritanomaly

68.1986, 16.0776, 26.2979

Monochromacy



Original Color

68.8148, 4.9262, 41.4313

Achromatopsia

65.4745, -3.4936, 3.5574

Achromatomaly

66.0812, -3.9505, 24.1296

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.8148, 4.9262, 41.4313 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(231, 174, 30)` looks like.

```
.text, #text, p{  
    color:rgb(231, 174, 30)  
}
```

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(231, 174, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 174, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 68.8148, 4.9262, 41.4313 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(231, 174, 30) }
```


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

```
.border{ border-color:rgb(231, 174, 30) }
```

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

Here you see how a box with a 4 pixel rgb(231, 174, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 174, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 174, 30);  
box-shadow:4px 4px 4px 4px rgb(231, 174,  
30) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.8148, 4.9262, 41.4313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 174, 30) }
```

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

```
.background{ background-color: rgb(231,  
174, 30) }
```

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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