

Converting Colors

HunterLab(68.4665, 0.5718,
41.3422)

Have a look what the booklet for
HunterLab(68.4665, 0.5718,
41.3422) contains.

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Color

**HunterLab(68.4202, 0.6467,
41.3247)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB01A
RGB	223, 176, 26
RGB Percent	87%, 69%, 10%
CMY	0.1255, 0.3098, 0.8980
CMYK	0.00, 0.21, 0.88, 0.13
HSL	46°, 79%, 49%
HSV	46°, 88%, 87%
XYZ	46.1432, 46.8132, 7.5811
YIQ	172.9530, 76.1620, -36.6860

Conversions

Conversions Part 2

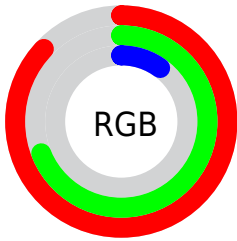
Format	Color
RYB	88, 223, 26
Decimal	14659610
CIELab	74.07, 4.73, 73.01
CIELCh	74, 73.167, 86.291
Yxy	46.8155, 0.4590, 0.4656
Android (android.graphics.Color)	4292849690 (0xFFDFB01A)
YUV	172.9530, -72.4478, 43.8912
Hunter-Lab	68.4202, 0.6467, 41.3247

Details

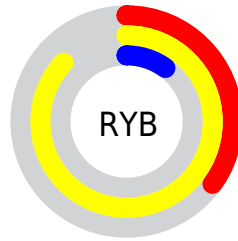
The HunterLab color **68.4202, 0.6467, 41.3247** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **32.1133, 33.4484, -108.5177**, and the grayscale version is **64.8947, -3.4626, 3.5259**.

A 20% lighter version of the original color is **88.9663, -11.9112, 48.1658**, and **47.1188, 2.0662, 29.0706** is the 20% darker color. If you saturate the color by 10%, you get **66.8606, 3.0123, 41.1575**, and if you desaturate by 10%, it is **70.0601, -1.4281, 40.7510**.

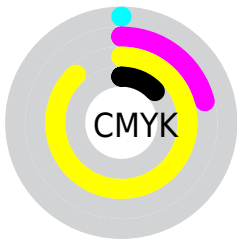
Distribution



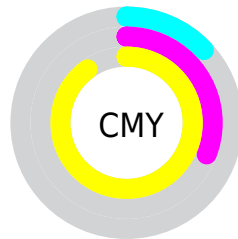
- Red (87%)
- Green (69%)
- Blue (10%)



- Red (35%)
- Yellow (87%)
- Blue (10%)



- Cyan (0%)
- Magenta (21%)
- Yellow (88%)
- Black (13%)



- Cyan (13%)
- Magenta (31%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.4202, 0.6467, 41.3247 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 68.4202, 0.6467, 41.3247 by changing the saturation by 10% instead.

68.4202, 0.6467,
41.3247

68.4202, 0.6467,
41.3247

193.4109, -4.2900,
79.5264

57.3497, 0.9955,
36.2733

92.4328, -0.1961,
50.8047

46.9490, 1.2965,
30.9872

105.3110, -0.6774,
55.2781

37.2664, 1.5409,
25.7559

118.7372, -1.1962,
59.6019

28.3596, 1.7210,
19.8517

132.6900, -1.7505,
63.7942

20.3034, 1.8260,
14.2124

147.1502, -2.3385,
67.8703

13.1992, 1.8391,
9.2395

162.1006, -2.9586,

6.7138, 2.7137,

71.8436

4.6997

177.5255, -3.6095,
75.7257

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.4202, 0.6467,
41.3247

■ 68.4202, 0.6467,
41.3247

■ 66.8606, 3.0123,
41.1575

■ 70.0601, -1.4281,
40.7510

■ 66.6056, 3.4186,
41.1019

■ 71.7832, -3.1498,
39.3079

■ 73.5939, -4.4961,
36.9436

■ 75.4934, -5.4532,
33.6356

■ 77.4817, -6.0155,

29.3818

■ 79.5576, -6.1837,
24.1953

■ 81.7198, -5.9636,
18.0997

■ 83.9660, -5.3643,
11.1261

■ 86.2941, -4.3979,
3.3110

Harmonies

Analogous

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



68.4219, 36.7119, 37.9642



68.4202, 0.6467, 41.3247



68.4219, -30.3651, 39.3841

Triad

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



68.4219, 0.6435, 41.3253



68.4219, -53.1144, -30.1009



68.4219, 59.9481, -40.7744

Complementary

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



68.4202, 0.6467, 41.3247



32.1133, 33.4484, -108.5177

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.



68.4219, 27.9092, -79.2242



68.4202, 0.6467, 41.3247



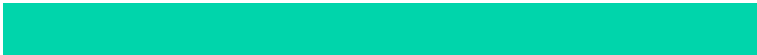
68.4219, -36.4017, -71.2259

Square

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



68.4219, 0.6435, 41.3253



68.4219, -57.6032, 7.6417



68.4219, -7.8490, -92.4606



68.4219, 74.9283, -0.4391

Rectangle

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



68.4202, 0.6467, 41.3247



68.4219, -44.9268, 34.3447



68.4219, -7.8490, -92.4606



68.4219, 50.5436, -54.9863

Sweetspot

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



68.4219, 0.6435, 41.3253



92.8958, -7.1921, 27.4135



41.1564, 67.1088, 16.8795



42.5861, -3.3282, 13.7188

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.4219, 0.6435, 41.3253



77.4072, 4.2097, 47.7716



78.6255, -37.7619, 47.0503



39.3019, -2.5584, 5.6071



51.2523, 2.3061, 31.6218



13.9850, -0.2423, 8.6132

Inverse Universe

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



32.1133, 33.4484, -108.5177



32.4646, 51.5570, -151.8746



27.5191, 59.5837, -132.4088



37.1100, -1.3722, -1.7417



21.8785, 32.3553, -97.1921



6.8519, 5.4377, -20.3027

Previews

White Background



This preview shows how the HunterLab color 68.4202, 0.6467, 41.3247 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 68.4202, 0.6467, 41.3247 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 68.4202, 0.6467, 41.3247 Background



This preview shows how black text looks on a background with the HunterLab color 68.4202, 0.6467, 41.3247.



This preview shows how white text looks on a background with the HunterLab color 68.4202, 0.6467,

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

68.4202, 0.6467, 41.3247

Protanopia

68.5054, -9.6143, 41.0936

Deuteranopia

68.4097, 5.0026, 41.2339



Tritanopia

68.4407, 22.0848, 6.9769

Trichromacy



Original Color

68.4202, 0.6467, 41.3247

Protanomaly

68.3511, -5.5682, 41.1207

Deuteranomaly

68.3278, 3.2728, 41.2073

Tritanomaly

67.8555, 12.1691, 26.2196

Monochromacy



Original Color

68.4202, 0.6467, 41.3247

Achromatopsia

64.6440, -3.4492, 3.5122

Achromatomaly

65.3487, -5.0673, 24.0570

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.4202, 0.6467, 41.3247 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(223, 176, 26)` looks like.

```
.text, #text, p{  
    color:rgb(223, 176, 26)  
}
```

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(223, 176, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 176, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 68.4202, 0.6467, 41.3247 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(223, 176, 26) }
```


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

```
.border{ border-color:rgb(223, 176, 26) }
```

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

Here you see how a box with a 4 pixel rgb(223, 176, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 176, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 176, 26);  
box-shadow:4px 4px 4px 4px rgb(223, 176,  
26) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.4202, 0.6467, 41.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 176, 26) }
```

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

```
.background{ background-color: rgb(223,  
176, 26) }
```

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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