

Converting Colors

HunterLab(68.3381, 6.3057,
35.9668)

Have a look what the booklet for
HunterLab(68.3381, 6.3057,
35.9668) contains.

HunterLab(68.2269, 6.5046, 35.8914)	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(68.2269, 6.5046,
35.8914)**

Conversions

Conversions Part 1

Format	Color
Hex	E4AC4E
RGB	228, 172, 78
RGB Percent	89%, 67%, 31%
CMY	0.1059, 0.3255, 0.6941
CMYK	0.00, 0.25, 0.66, 0.11
HSL	38°, 74%, 60%
HSV	38°, 66%, 89%
XYZ	48.1226, 46.5491, 13.6562
YIQ	178.0280, 63.5500, -17.3620

Conversions

Conversions Part 2

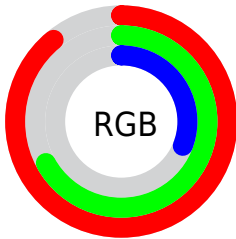
Format	Color
RYB	167, 228, 78
Decimal	14986318
CIELab	73.90, 11.01, 54.89
CIELCh	74, 55.981, 78.662
Yxy	46.5514, 0.4442, 0.4297
Android (android.graphics.Color)	4293176398 (0xFFE4AC4E)
YUV	178.0280, -49.3138, 43.8254
Hunter-Lab	68.2269, 6.5046, 35.8914

Details

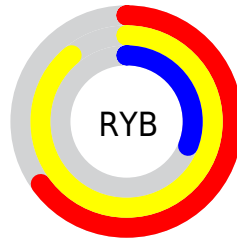
The HunterLab color **68.2269, 6.5046, 35.8914** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **49.2648, 6.7964, -57.8588**, and the grayscale version is **66.9168, -3.5705, 3.6357**.

A 20% lighter version of the original color is **88.2252, -7.0911, 39.8095**, and **46.8336, 6.6306, 27.8808** is the 20% darker color. If you saturate the color by 10%, you get **65.6827, 9.7241, 37.3579**, and if you desaturate by 10%, it is **70.9094, 3.6864, 33.5065**.

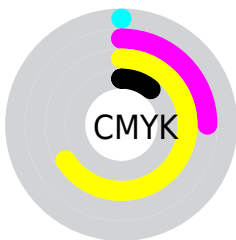
Distribution



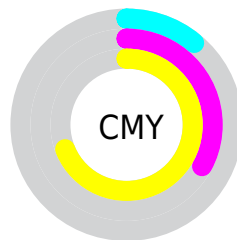
- Red (89%)
- Green (67%)
- Blue (31%)



- Red (65%)
- Yellow (89%)
- Blue (31%)



- Cyan (0%)
- Magenta (25%)
- Yellow (66%)
- Black (11%)




- Cyan (11%)
- Magenta (33%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 68.2269, 6.5046, 35.8914 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 68.2269, 6.5046, 35.8914 by changing the saturation by 10% instead.


 68.2269, 6.5046,
35.8914


 68.2269, 6.5046,
35.8914


193.1375, 3.8352,
65.6826


 57.1674, 6.5450,
31.9830


 92.2191, 6.2346,
43.2161


 46.7785, 6.5199,
27.8681


 105.0878, 6.0216,
46.6804

 37.1085, 6.4168,
23.5119


 118.5049, 5.7607,
50.0386

 28.2156, 6.2234,
19.2275

 132.4489, 5.4551,
53.3057

 20.1745, 5.9226,
14.1222

 146.9007, 5.1076,
56.4941

 13.0876, 5.4886,
9.1613

161.8428, 4.7205,

 6.5724, 6.9457,

59.6141

4.6007

177.2598, 4.2957,
62.6745

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.2269, 6.5046,
35.8914

■ 68.2269, 6.5046,
35.8914

■ 65.6827, 9.7241,
37.3579

■ 70.9094, 3.6864,
33.5065

■ 63.2754, 13.3347,
37.9159

■ 73.7201, 1.2846,
30.2180

■ 61.0072, 17.2927,
37.6271

■ 76.6549, -0.7084,
26.0611

■ 60.0876, 19.0215,
37.3587

■ 79.7076, -2.3036,
21.0800

■ 82.8721, -3.5168,

15.3244

■ 86.1420, -4.3663,
8.8458

■ 89.5114, -4.8723,
1.6953

■ 92.7848, -6.0970,
-3.3881

■ 95.5103, -10.5306,
-0.0611

Harmonies

Analogous

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



68.2286, 32.7541, 30.7076



68.2269, 6.5046, 35.8914



68.2286, -18.9666, 35.2216

Triad

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



68.2286, 6.5014, 35.8921



68.2286, -44.9658, -13.3898



68.2286, 38.2568, -35.9246

Complementary

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



68.2269, 6.5046, 35.8914



49.2648, 6.7964, -57.8588

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.



68.2286, 13.1624, -58.7361



68.2269, 6.5046, 35.8914



68.2286, -33.7188, -42.7131

Square

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



68.2286, 6.5014, 35.8921



68.2286, -46.1947, 12.4457



68.2286, -13.2295, -61.6039



68.2286, 52.8412, -6.3503

Rectangle

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



68.2269, 6.5046, 35.8914



68.2286, -32.2419, 31.4573



68.2286, -13.2295, -61.6039



68.2286, 30.6108, -45.0476

Sweetspot

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



68.2286, 6.5014, 35.8921



92.5141, -3.4476, 20.3353



48.6893, 58.2406, 2.8836



42.3324, -1.4107, 10.2550

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.2286, 6.5014, 35.8921



73.5417, 12.5070, 42.7658



83.5534, -26.9256, 45.8988



39.8315, -1.9208, 5.3018



45.9164, 13.9356, 28.5374



13.1711, 2.4389, 8.1587

Inverse Universe

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



49.2648, 6.7964, -57.8588



48.6073, 15.4282, -85.1784



36.7565, 40.0848, -95.0440



38.4242, -2.1057, -1.2714



26.8427, 19.9999, -76.7251



8.4027, 2.9496, -16.8701

Previews

White Background



This preview shows how the HunterLab color 68.2269, 6.5046, 35.8914 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 68.2269, 6.5046, 35.8914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

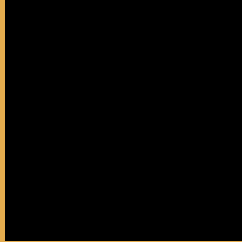
Any Text WCAG AA ✓ Pass

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 68.2269, 6.5046, 35.8914 Background



This preview shows how black text looks on a background with the HunterLab color 68.2269, 6.5046, 35.8914.



This preview shows how white text looks on a background with the HunterLab color 68.2269, 6.5046,

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

68.2269, 6.5046, 35.8914

Protanopia

68.2690, -8.1640, 35.1634

Deuteranopia

68.2686, 5.2049, 35.8981



Tritanopia

68.2340, 24.0027, 7.6703

Trichromacy



Original Color

68.2269, 6.5046, 35.8914

Protanomaly

68.0212, -2.9635, 35.2472

Deuteranomaly

68.3872, 5.6019, 35.9890

Tritanomaly

68.0385, 16.2409, 20.9239

Monochromacy



Original Color

68.2269, 6.5046, 35.8914

Achromatopsia

66.7234, -3.5602, 3.6252

Achromatomaly

66.8875, -1.8398, 18.4992

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.2269, 6.5046, 35.8914 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(228, 172, 78)` looks like.

```
.text, #text, p{  
    color:rgb(228, 172, 78)  
}
```

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(228, 172, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 172, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 68.2269, 6.5046, 35.8914 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(228, 172, 78) }
```


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

```
.border{ border-color:rgb(228, 172, 78) }
```

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

Here you see how a box with a 4 pixel rgb(228, 172, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 172, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 172, 78);  
box-shadow:4px 4px 4px 4px rgb(228, 172,  
78) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.2269, 6.5046, 35.8914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 172, 78) }
```

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

```
.background{ background-color: rgb(228,  
172, 78) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor