

Converting Colors

HunterLab(66.4509, -4.8860,
37.9192)

Have a look what the booklet for
HunterLab(66.4509, -4.8860,
37.9192) contains.

HunterLab(66.3549, -4.7425, 37.9016)	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(66.3549, -4.7425,
37.9016)**

Conversions

Conversions Part 1

Format	Color
Hex	CEAF34
RGB	206, 175, 52
RGB Percent	81%, 69%, 20%
CMY	0.1922, 0.3137, 0.7961
CMYK	0.00, 0.15, 0.75, 0.19
HSL	48°, 61%, 51%
HSV	48°, 75%, 81%
XYZ	41.4034, 44.0297, 9.5653
YIQ	170.2470, 57.9590, -31.6810

Conversions

Conversions Part 2

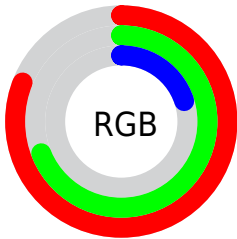
Format	Color
R _Y B	91, 206, 52
Decimal	13545268
CIE Lab	72.25, -1.36, 63.24
CIE LCh	72, 63.258, 91.230
Yxy	44.0318, 0.4358, 0.4635
Android (android.graphics.Color)	4291735348 (0xFFCEAF34)
YUV	170.2470, -58.2958, 31.3554
Hunter-Lab	66.3549, -4.7425, 37.9016

Details

The HunterLab color **66.3549, -4.7425, 37.9016** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle muted orange. A complement of this color would be **33.7234, 23.8208, -81.4635**, and the grayscale version is **63.7217, -3.4000, 3.4621**.

A 20% lighter version of the original color is **88.8342, -10.4028, 45.2733**, and **45.2347, -3.0184, 27.8206** is the 20% darker color. If you saturate the color by 10%, you get **65.0351, -3.3588, 38.8080**, and if you desaturate by 10%, it is **67.7485, -5.8099, 36.1882**.

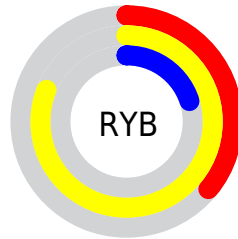
Distribution



Red (81%)

Green (69%)

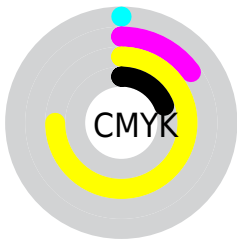
Blue (20%)



Red (36%)

Yellow (81%)

Blue (20%)

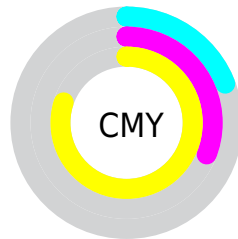


Cyan (0%)

Magenta (15%)

Yellow (75%)

Black (19%)



Cyan (19%)

Magenta (31%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.3549, -4.7425, 37.9016 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 66.3549, -4.7425, 37.9016 by changing the saturation by 10% instead.

66.3549, -4.7425,
37.9016

66.3549, -4.7425,
37.9016

190.4831,
-11.8840, 71.7341

55.4036, -4.0896,
33.4206

90.1475, -6.1460,
46.2851

45.1300, -3.4656,
28.7079

102.9233, -6.8888,
50.2381

35.5840, -2.8746,
23.7904

116.2513, -7.6587,
54.0606

26.8260, -2.3183,
18.7782

130.1097, -8.4546,
57.7700

18.9346, -1.7984,
13.2542

144.4788, -9.2758,
61.3806

12.0181, -1.3163,
8.4127

159.3411,

4.9906, -1.4519,

-10.1215, 64.9048

3.4934

174.6806,
-10.9911, 68.3530

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.3549, -4.7425,
37.9016

■ 66.3549, -4.7425,
37.9016

■ 65.0351, -3.3588,
38.8080

■ 67.7485, -5.8099,
36.1882

■ 63.7793, -1.6832,
38.9822

■ 69.2139, -6.5326,
33.6230

■ 63.1395, -0.7314,
38.8935

■ 70.7541, -6.9015,
30.1862

■ 72.3697, -6.9118,
25.8735

■ 74.0603, -6.5634,

20.6933

■ 75.8252, -5.8605,
14.6635

■ 77.6631, -4.8103,
7.8087

■ 79.5726, -3.4226,
0.1588

■ 81.5518, -1.7088,
-8.2531

Harmonies

Analogous

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



66.3565, 25.7099, 35.4514



66.3549, -4.7425, 37.9016



66.3565, -30.2260, 34.9817

Triad

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



66.3565, -4.7453, 37.9021



66.3565, -45.0656, -30.4897



66.3565, 53.2140, -27.5923

Complementary

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



66.3549, -4.7425, 37.9016



33.7234, 23.8208, -81.4635

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.



66.3565, 28.1593, -60.2418



66.3549, -4.7425, 37.9016



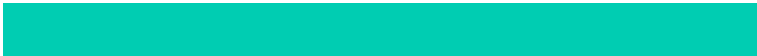
66.3565, -28.4709, -62.3626

Square

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



66.3565, -4.7453, 37.9021



66.3565, -50.8786, 2.4550



66.3565, -2.3345, -75.0842



66.3565, 62.4625, 4.7484

Rectangle

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



66.3549, -4.7425, 37.9016



66.3565, -41.9023, 29.1148



66.3565, -2.3345, -75.0842



66.3565, 46.1696, -39.3116

Sweetspot

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



66.3565, -4.7453, 37.9021



94.8184, -8.1741, 24.5348



40.2988, 54.9894, 13.0363



43.5866, -3.8732, 12.2729

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.3565, -4.7453, 37.9021



81.7557, -2.9577, 49.6380



72.1874, -33.1897, 41.2317



35.6345, -2.4775, 5.1439



49.6876, -0.8143, 30.6030



11.7199, -0.9090, 7.2058

Inverse Universe

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



33.7234, 23.8208, -81.4635



34.6812, 46.1608, -139.5600



30.6264, 46.3852, -93.3582



33.4718, -1.0790, -1.6602



19.6260, 33.0846, -95.9510



5.5559, 4.3319, -16.2958

Previews

White Background



This preview shows how the HunterLab color 66.3549, -4.7425, 37.9016 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 66.3549, -4.7425, 37.9016 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 66.3549, -4.7425, 37.9016 Background



This preview shows how black text looks on a background with the HunterLab color 66.3549, -4.7425, 37.9016.

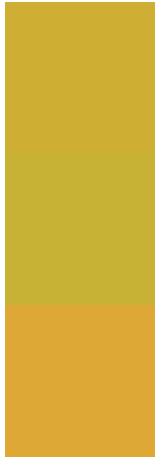


This preview shows how white text looks on a background with the HunterLab color 66.3549, -4.7425,

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

66.3549, -4.7425, 37.9016

Protanopia

66.5131, -8.7389, 37.8297

Deuteranopia

66.1896, 5.0289, 37.6361



Tritanopia

66.1635, 16.2959, 4.2477

Trichromacy



Original Color

66.3549, -4.7425, 37.9016

Protanomaly

66.5266, -7.1592, 37.8663

Deuteranomaly

66.3258, 1.1280, 37.7696

Tritanomaly

65.7823, 7.1694, 21.3068

Monochromacy



Original Color

66.3549, -4.7425, 37.9016

Achromatopsia

63.4017, -3.3830, 3.4447

Achromatomaly

64.1129, -6.0888, 20.8312

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.3549, -4.7425, 37.9016 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(206, 175, 52)` looks like.

```
.text, #text, p{  
    color:rgb(206, 175, 52)  
}
```

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(206, 175, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 175, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 66.3549, -4.7425, 37.9016 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(206, 175, 52) }
```


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

```
.border{ border-color:rgb(206, 175, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 175, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 175, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 175, 52);  
box-shadow:4px 4px 4px 4px rgb(206, 175,  
52) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.3549, -4.7425, 37.9016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 175, 52) }
```

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

```
.background{ background-color: rgb(206,  
175, 52) }
```

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