

Converting Colors

HunterLab(67.9594, -46.4438,
37.2108)

Have a look what the booklet for
HunterLab(67.9594, -46.4438,
37.2108) contains.

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Color

**HunterLab(67.9524,
-46.4665, 37.2064)**

Conversions

Conversions Part 1

Format	Color
Hex	63CC3D
RGB	99, 204, 61
RGB Percent	39%, 80%, 24%
CMY	0.6118, 0.2000, 0.7608
CMYK	0.51, 0.00, 0.70, 0.20
HSL	104°, 58%, 52%
HSV	104°, 70%, 80%
XYZ	27.5808, 46.1753, 11.8739
YIQ	156.3030, -16.6770, -66.7330

Conversions

Conversions Part 2

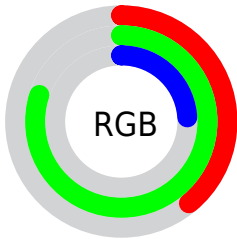
Format	Color
RYB	61, 204, 166
Decimal	6540349
CIELab	73.66, -55.44, 59.03
CIELCh	74, 80.983, 133.202
Yxy	46.1772, 0.3221, 0.5392
Android (android.graphics.Color)	4284730429 (0xFF63CC3D)
YUV	156.3030, -46.9844, -50.2547
Hunter-Lab	67.9524, -46.4665, 37.2064

Details

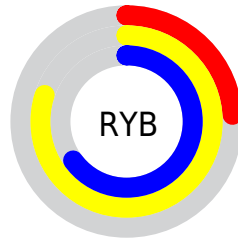
The HunterLab color **67.9524, -46.4665, 37.2064** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **39.7565, 57.4718, -59.6946**, and the grayscale version is **57.9733, -3.0933, 3.1498**.

A 20% lighter version of the original color is **89.4707, -50.8094, 43.2925**, and **46.6593, -38.4900, 28.0774** is the 20% darker color. If you saturate the color by 10%, you get **67.2538, -49.6287, 38.7550**, and if you desaturate by 10%, it is **68.8214, -42.5467, 34.8873**.

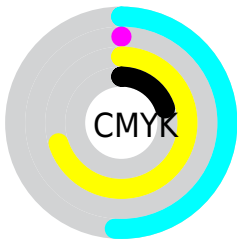
Distribution



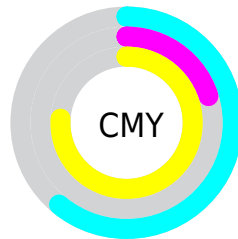
- Red (39%)
- Green (80%)
- Blue (24%)



- Red (24%)
- Yellow (80%)
- Blue (65%)



- Cyan (51%)
- Magenta (0%)
- Yellow (70%)
- Black (20%)



- Cyan (61%)
- Magenta (20%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.9524, -46.4665, 37.2064 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 67.9524, -46.4665, 37.2064 by changing the saturation by 10% instead.

■ 67.9524, -46.4665,
37.2064

■ 67.9524, -46.4665,
37.2064

192.7487,
-75.6199, 68.9359

■ 56.9084, -42.6617,
33.0253

■ 91.9153, -53.5958,
45.0355

■ 46.5363, -38.6407,
28.6254

■ 104.7704,
-56.9736, 48.7335

■ 36.8844, -34.3441,
23.9768

■ 118.1746,
-60.2538, 52.3141

■ 28.0110, -29.6832,
19.6077

■ 132.1061,
-63.4512, 55.7935

■ 19.9917, -24.5216,
13.9942

■ 146.5458,
-66.5776, 59.1851

■ 12.9294, -21.4664,
9.0506

161.4763,

■ 6.3658, -11.1401,

-69.6427, 62.4999

4.4560

176.8820,
-72.6545, 65.7475

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.9524, -46.4665,
37.2064

■ 67.9524, -46.4665,
37.2064

■ 67.2538, -49.6287,
38.7550

■ 68.8214, -42.5467,
34.8873

■ 66.7125, -52.0520,
39.6000

■ 69.8621, -37.8667,
31.7604


■ 66.3156, -53.8043,
39.9214


■ 71.0787, -32.4475,
27.8158

■ 72.4718, -26.3239,
23.0637


■ 74.0401, -19.5423,

17.5311

 75.7806, -12.1565,
11.2578

 77.6889, -4.2251,
4.2922

 79.7596, 4.1923,
-3.3116

 81.9867, 13.0366,
-11.4971

Harmonies

Analogous

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



67.9538, -19.4027, 42.4072



67.9524, -46.4665, 37.2064



67.9538, -60.0248, 20.7591

Triad

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



67.9538, -46.4677, 37.2067



67.9538, -23.3317, -100.9382



67.9538, 82.3045, 17.6363

Complementary

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



67.9524, -46.4665, 37.2064



39.7565, 57.4718, -59.6946

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.



67.9538, 80.6032, -19.3941



67.9524, -46.4665, 37.2064



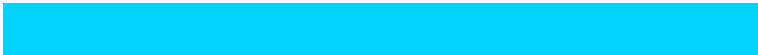
67.9538, 13.7281, -103.4766

Square

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



67.9538, -46.4677, 37.2067



67.9538, -48.8012, -62.4485



67.9538, 53.4434, -68.1914



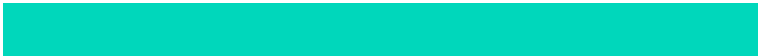
67.9538, 57.6816, 35.9936

Rectangle

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



67.9524, -46.4665, 37.2064



67.9538, -61.9082, -0.2663



67.9538, 53.4434, -68.1914



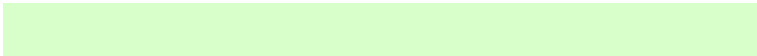
67.9538, 84.9286, 7.4387

Sweetspot

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



67.9538, -46.4677, 37.2067



95.0306, -26.2177, 23.4491



63.5613, -0.7025, 35.0350



43.6973, -13.2845, 11.8009

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.9538, -46.4677, 37.2067



86.1739, -65.5399, 50.5218



67.0781, -49.3811, 31.0311



35.6072, -5.4497, 5.0621



52.6479, -42.5273, 31.6969



12.1155, -8.9978, 7.3080

Inverse Universe

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



39.7565, 57.4718, -59.6946



45.6176, 85.0914, -93.3645



43.7063, 61.9157, -24.0045



33.5380, 1.9053, -1.5231



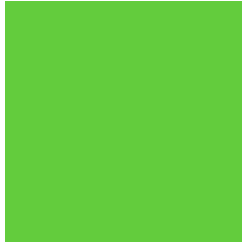
26.1924, 55.3314, -64.2834



6.2423, 12.9578, -13.5451

Previews

White Background



This preview shows how the HunterLab color 67.9524, -46.4665, 37.2064 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 67.9524, -46.4665, 37.2064 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 67.9524, -46.4665, 37.2064 Background



This preview shows how black text looks on a background with the HunterLab color 67.9524, -46.4665, 37.2064.



This preview shows how white text looks on a background with the HunterLab color 67.9524, -46.4665, 37.2064.

-46.4665, 37.2064.

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

67.9524, -46.4665, 37.2064

Protanopia

67.3319, -8.8775, 38.1515

Deuteranopia

67.3014, 4.7481, 36.0010



Tritanopia

67.9363, -18.0583, -9.4149

Trichromacy



Original Color

67.9524, -46.4665, 37.2064



Protanomaly

66.7706, -25.2977, 37.2636



Deuteranomaly

66.1526, -17.6356, 35.4080



Tritanomaly

67.4483, -31.5157, 14.5179

Monochromacy



Original Color

67.9524, -46.4665, 37.2064



Achromatopsia

57.6586, -3.0765, 3.1327



Achromatomaly

60.3478, -21.6456, 19.0350

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.9524, -46.4665, 37.2064 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(99, 204, 61)` looks like.

```
.text, #text, p{  
    color:rgb(99, 204, 61)  
}
```

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(99, 204, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 204, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 67.9524, -46.4665, 37.2064 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(99, 204, 61) }
```


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

```
.border{ border-color:rgb(99, 204, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 204, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 204, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 204, 61);  
box-shadow:4px 4px 4px 4px rgb(99, 204,  
61) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.9524, -46.4665, 37.2064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 204, 61) }
```

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

```
.background{ background-color: rgb(99, 204,  
61) }
```

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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