

Converting Colors

HunterLab(65.7882, -42.7171,
35.0048)

Have a look what the booklet for
HunterLab(65.7882, -42.7171,
35.0048) contains.

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Color

**HunterLab(65.7882,
-42.7171, 35.0048)**

Conversions

Conversions Part 1

Format	Color
Hex	68C543
RGB	104, 197, 67
RGB Percent	41%, 77%, 26%
CMY	0.5922, 0.2274, 0.7372
CMYK	0.47, 0.00, 0.66, 0.23
HSL	103°, 53%, 52%
HSV	103°, 66%, 77%
XYZ	26.6884, 43.2809, 12.2577
YIQ	154.3730, -13.6980, -60.1460

Conversions

Conversions Part 2

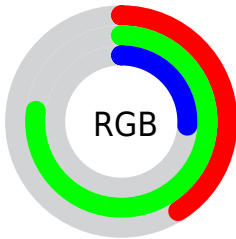
Format	Color
RYB	67, 197, 160
Decimal	6866243
CIELab	71.75, -50.80, 54.71
CIELCh	72, 74.660, 132.875
Yxy	43.2827, 0.3246, 0.5264
Android (android.graphics.Color)	4285056323 (0xFF68C543)
YUV	154.3730, -43.0749, -44.1771
Hunter-Lab	65.7882, -42.7171, 35.0048

Details

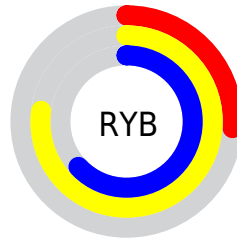
The HunterLab color **65.7882, -42.7171, 35.0048** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **39.3963, 51.5090, -54.3232**, and the grayscale version is **57.1718, -3.0505, 3.1063**.

A 20% lighter version of the original color is **89.4122, -49.0800, 42.2411**, and **44.5401, -35.3529, 26.8265** is the 20% darker color. If you saturate the color by 10%, you get **65.0469, -46.0681, 36.7944**, and if you desaturate by 10%, it is **66.6902, -38.6609, 32.4571**.

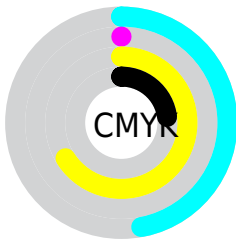
Distribution



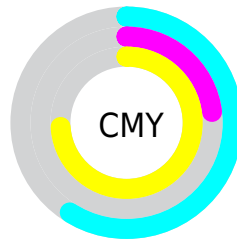
- Red (41%)
- Green (77%)
- Blue (26%)



- Red (26%)
- Yellow (77%)
- Blue (63%)



- Cyan (47%)
- Magenta (0%)
- Yellow (66%)
- Black (23%)



- Cyan (59%)
- Magenta (23%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.7882, -42.7171, 35.0048 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 65.7882, -42.7171, 35.0048 by changing the saturation by 10% instead.

■ 65.7882, -42.7171,
35.0048

■ 65.7882, -42.7171,
35.0048

189.6769,
-69.9912, 64.8966

■ 54.8699, -39.1719,
31.0661

■ 89.5194, -49.3661,
42.3725

■ 44.6316, -35.4259,
26.9141

■ 102.2668,
-52.5202, 45.8521

■ 35.1237, -31.4215,
22.5140

■ 115.5676,
-55.5861, 49.2224

■ 26.4073, -27.0712,
18.4817

■ 129.3998,
-58.5775, 52.4991

■ 18.5621, -22.2379,
12.9935

■ 143.7436,
-61.5055, 55.6949

■ 11.6983, -20.4721,
8.1888

158.5814,

■ 4.3971, -7.6949,

-64.3790, 58.8207

3.0779

173.8974,
-67.2055, 61.8854

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.7882, -42.7171,
35.0048

■ 65.7882, -42.7171,
35.0048

■ 65.0469, -46.0681,
36.7944

■ 66.6902, -38.6609,
32.4571

■ 64.4555, -48.7208,
37.8764

■ 67.7526, -33.9046,
29.1258

■ 64.0052, -50.7121,
38.3417

■ 68.9785, -28.4736,
25.0087

■ 63.8568, -51.3660,
38.4490

■ 70.3677, -22.4044,
20.1214

■ 71.9182, -15.7423,

14.4936

■ 73.6268, -8.5382,
8.1653

■ 75.4892, -0.8460,
1.1839

■ 77.5003, 7.2799,
-6.3991

■ 79.6543, 15.7864,
-14.5305

Harmonies

Analogous

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



65.7896, -17.6044, 40.1184



65.7882, -42.7171, 35.0048



65.7896, -55.5159, 19.5360

Triad

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



65.7896, -42.7183, 35.0052



65.7896, -21.8679, -89.3056



65.7896, 74.1197, 16.1080

Complementary

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



65.7882, -42.7171, 35.0048



39.3963, 51.5090, -54.3232

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.



65.7896, 72.3216, -17.7547



65.7882, -42.7171, 35.0048



65.7896, 11.8723, -91.9360

Square

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



65.7896, -42.7183, 35.0052



65.7896, -45.2848, -55.1754



65.7896, 47.7717, -61.1731



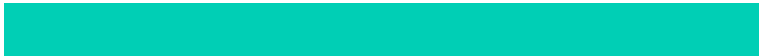
65.7896, 52.2720, 33.6065

Rectangle

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



65.7882, -42.7171, 35.0048



65.7896, -57.3707, 0.3484



65.7896, 47.7717, -61.1731



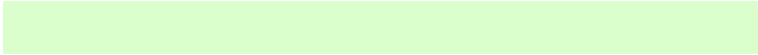
65.7896, 76.3734, 6.6577

Sweetspot

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



65.7896, -42.7183, 35.0052



95.3228, -25.0108, 22.7673



60.6064, 0.7562, 32.1630



43.8288, -12.7412, 11.5184

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.7896, -42.7183, 35.0052



86.6913, -63.2627, 49.9621



64.7443, -46.4225, 29.5979



34.6866, -5.2460, 4.9362



51.8234, -41.5067, 31.2067



11.4422, -8.3391, 6.9046

Inverse Universe

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



39.3963, 51.5090, -54.3232



46.6666, 81.0887, -90.0240



43.3891, 57.3010, -24.9110



32.6483, 1.7904, -1.4933



25.3309, 53.8472, -64.7719



5.8237, 12.1291, -12.9479

Previews

White Background



This preview shows how the HunterLab color 65.7882, -42.7171, 35.0048 looks on a white background.

Color Contrast Check

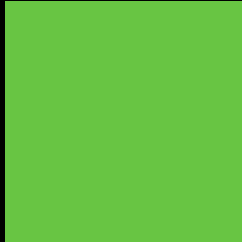
Large Text (above 18pt) WCAG AA × Fail

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 65.7882, -42.7171, 35.0048 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 65.7882, -42.7171, 35.0048 Background



This preview shows how black text looks on a background with the HunterLab color 65.7882, -42.7171, 35.0048.



This preview shows how white text looks on a background with the HunterLab color 65.7882, -42.7171, 35.0048.

-42.7171, 35.0048.

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

65.7882, -42.7171, 35.0048

Protanopia

65.2679, -8.4391, 36.0595

Deuteranopia

65.1208, 4.7119, 33.8171



Tritanopia

65.5107, -16.0033, -8.8148

Trichromacy



Original Color

65.7882, -42.7171, 35.0048

Protanomaly

64.7358, -23.0365, 35.1796

Deuteranomaly

64.0619, -15.6891, 33.3662

Tritanomaly

65.2315, -28.2559, 13.0893

Monochromacy



Original Color

65.7882, -42.7171, 35.0048

Achromatopsia

56.8457, -3.0331, 3.0885

Achromatomaly

59.4885, -19.9659, 17.9561

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.7882, -42.7171, 35.0048 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(104, 197, 67)` looks like.

```
.text, #text, p{  
    color:rgb(104, 197, 67)  
}
```

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(104, 197, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 197, 67) }
```

Border

The CSS property to change the border of an element to HunterLab 65.7882, -42.7171, 35.0048 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(104, 197, 67) }
```


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

```
.border{ border-color:rgb(104, 197, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 197, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 197, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 197, 67);  
box-shadow:4px 4px 4px 4px rgb(104, 197,  
67) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.7882, -42.7171, 35.0048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 197, 67) }
```

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

```
.background{ background-color: rgb(104,  
197, 67) }
```

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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