

Converting Colors

HunterLab(65.7472, -50.2466,
36.1427)

Have a look what the booklet for
HunterLab(65.7472, -50.2466,
36.1427) contains.

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Color

**HunterLab(65.7472,
-50.2466, 36.1427)**

Conversions

Conversions Part 1

Format	Color
Hex	42C939
RGB	66, 201, 57
RGB Percent	26%, 79%, 22%
CMY	0.7412, 0.2118, 0.7764
CMYK	0.67, 0.00, 0.72, 0.21
HSL	116°, 57%, 51%
HSV	116°, 72%, 79%
XYZ	23.8719, 43.2269, 10.9564
YIQ	144.2190, -34.2360, -73.4040

Conversions

Conversions Part 2

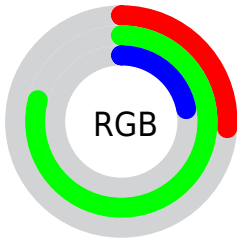
Format	Color
RYB	57, 201, 192
Decimal	4376889
CIELab	71.71, -62.59, 58.20
CIELCh	72, 85.465, 137.083
Yxy	43.2288, 0.3058, 0.5538
Android (android.graphics.Color)	4282566969 (0xFF42C939)
YUV	144.2190, -42.9990, -68.5981
Hunter-Lab	65.7472, -50.2466, 36.1427

Details

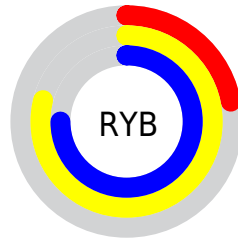
The HunterLab color **65.7472, -50.2466, 36.1427** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **42.8388, 65.6481, -48.9358**, and the grayscale version is **53.0764, -2.8320, 2.8837**.

A 20% lighter version of the original color is **88.0427, -56.6676, 42.9364**, and **45.3407, -38.8796, 27.2581** is the 20% darker color. If you saturate the color by 10%, you get **65.2043, -52.7880, 37.6700**, and if you desaturate by 10%, it is **66.5104, -46.7139, 33.8892**.

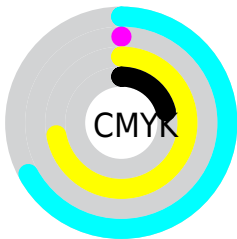
Distribution



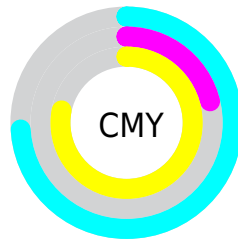
- Red (26%)
- Green (79%)
- Blue (22%)



- Red (22%)
- Yellow (79%)
- Blue (75%)



- Cyan (67%)
- Magenta (0%)
- Yellow (72%)
- Black (21%)



- Cyan (74%)
- Magenta (21%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.7472, -50.2466, 36.1427 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 65.7472, -50.2466, 36.1427 by changing the saturation by 10% instead.

■ 65.7472, -50.2466,
36.1427

■ 65.7472, -50.2466,
36.1427

189.6185,
-82.7192, 67.6636

■ 54.8312, -45.9392,
31.9757

■ 89.4740, -58.2682,
43.9339

■ 44.5956, -41.3662,
27.5859

■ 102.2193,
-62.0487, 47.6098

■ 35.0905, -36.4543,
22.9429

■ 115.5181,
-65.7084, 51.1671

■ 26.3771, -31.0949,
18.4639

■ 129.3484,
-69.2655, 54.6223

■ 18.5352, -25.1515,
12.9746

■ 143.6904,
-72.7343, 57.9889

■ 11.6753, -20.4317,
8.1727

158.5264,

■ 4.3509, -7.6141,

-76.1266, 61.2785

3.0456

173.8406,
-79.4522, 64.5007

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.7472, -50.2466,
36.1427

■ 65.7472, -50.2466,
36.1427

■ 65.2043, -52.7880,
37.6700

■ 66.5104, -46.7139,
33.8892

■ 64.8584, -54.4010,
38.5356

■ 67.5029, -42.1644,
30.8792


■ 64.6972, -55.1512,
38.9006


■ 68.7338, -36.6136,
27.1135


■ 70.2061, -30.1064,
22.6170


■ 71.9190, -22.7109,

17.4340

 73.8685, -14.5114,
11.6220

 76.0479, -5.6003,
5.2467

 78.4485, 3.9271,
-1.6232

 81.0603, 13.9785,
-8.9196

Harmonies

Analogous

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



65.7486, -24.2912, 41.8985



65.7472, -50.2466, 36.1427



65.7486, -62.1939, 17.7191

Triad

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



65.7486, -50.2476, 36.1430



65.7486, -19.5825, -112.2972



65.7486, 85.5524, 21.4033

Complementary

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



65.7472, -50.2466, 36.1427



42.8388, 65.6481, -48.9358

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.



65.7486, 87.6646, -14.6260



65.7472, -50.2466, 36.1427



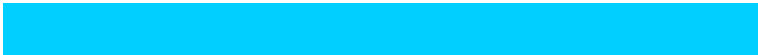
65.7486, 20.2193, -109.0631

Square

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



65.7486, -50.2476, 36.1430



65.7486, -47.5022, -73.9451



65.7486, 61.5681, -66.7016



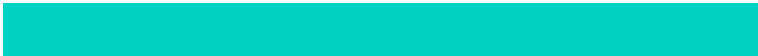
65.7486, 56.3382, 37.4777

Rectangle

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



65.7472, -50.2466, 36.1427



65.7486, -63.0025, -5.9273



65.7486, 61.5681, -66.7016



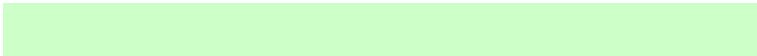
65.7486, 89.6623, 11.8484

Sweetspot

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



65.7486, -50.2476, 36.1430



94.1851, -29.3622, 22.5620



70.8177, -14.1707, 40.1481



43.2680, -14.8940, 11.3604

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.7486, -50.2476, 36.1430



85.0344, -70.3863, 50.0185



66.3225, -46.2783, 24.3411



34.5239, -5.8294, 4.7487



51.3140, -43.6723, 30.8549



11.2163, -9.2883, 6.7488

Inverse Universe

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



42.8388, 65.6481, -48.9358



52.1704, 97.0557, -73.6724



41.4697, 57.3467, -8.1488



32.8353, 2.4189, -1.2438



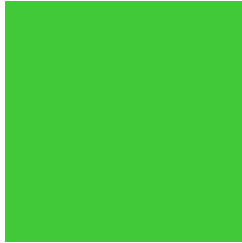
30.6991, 61.2101, -47.1144



6.7579, 13.4309, -10.0342

Previews

White Background



This preview shows how the HunterLab color 65.7472, -50.2466, 36.1427 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 65.7472, -50.2466, 36.1427 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 65.7472, -50.2466, 36.1427 Background



This preview shows how black text looks on a background with the HunterLab color 65.7472, -50.2466, 36.1427.



This preview shows how white text looks on a background with the HunterLab color 65.7472, -50.2466, 36.1427.

-50.2466, 36.1427.

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

65.7472, -50.2466, 36.1427

Protanopia

65.1861, -8.8934, 37.2670

Deuteranopia

65.1662, 4.7204, 34.9659



Tritanopia

65.6529, -21.7933, -10.9506

Trichromacy



Original Color

65.7472, -50.2466, 36.1427



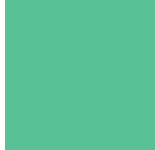
Protanomaly

63.9014, -28.0382, 35.7598



Deuteranomaly

63.4848, -21.1958, 34.0774



Tritanomaly

65.1658, -35.4402, 13.2819

Monochromacy



Original Color

65.7472, -50.2466, 36.1427



Achromatopsia

52.8104, -2.8178, 2.8693



Achromatomaly

56.3854, -24.0199, 18.2050

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.7472, -50.2466, 36.1427 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(66, 201, 57)` looks like.

```
.text, #text, p{  
    color:rgb(66, 201, 57)  
}
```

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(66, 201, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 201, 57) }
```

Border

The CSS property to change the border of an element to HunterLab 65.7472, -50.2466, 36.1427 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(66, 201, 57) }
```


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

```
.border{ border-color:rgb(66, 201, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 201, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 201, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 201, 57);  
box-shadow:4px 4px 4px 4px rgb(66, 201,  
57) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.7472, -50.2466, 36.1427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 201, 57) }
```

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

```
.background{ background-color: rgb(66, 201,  
57) }
```

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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