

Converting Colors

HunterLab(66.9455, -50.2267,
33.0905)

Have a look what the booklet for
HunterLab(66.9455, -50.2267,
33.0905) contains.

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Color

**HunterLab(66.9346,
-50.2561, 33.1160)**

Conversions

Conversions Part 1

Format	Color
Hex	3DCC53
RGB	61, 204, 83
RGB Percent	24%, 80%, 33%
CMY	0.7608, 0.2000, 0.6745
CMYK	0.70, 0.00, 0.59, 0.20
HSL	129°, 58%, 52%
HSV	129°, 70%, 80%
XYZ	25.0787, 44.8024, 15.5096
YIQ	147.4490, -46.3870, -67.9470

Conversions

Conversions Part 2

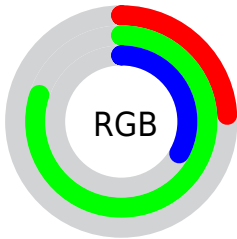
Format	Color
RYB	61, 185, 204
Decimal	4050003
CIELab	72.76, -61.90, 48.59
CIELCh	73, 78.690, 141.870
Yxy	44.8043, 0.2937, 0.5247
Android (android.graphics.Color)	4282240083 (0xFF3DCC53)
YUV	147.4490, -31.7734, -75.8158
Hunter-Lab	66.9346, -50.2561, 33.1160

Details

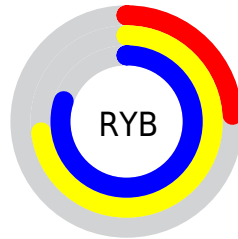
The HunterLab color **66.9346, -50.2561, 33.1160** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **44.2188, 63.9652, -30.9738**, and the grayscale version is **54.3352, -2.8992, 2.9521**.

A 20% lighter version of the original color is **88.2097, -55.2997, 37.7303**, and **46.1178, -38.8593, 26.2429** is the 20% darker color. If you saturate the color by 10%, you get **66.3635, -53.0130, 35.3955**, and if you desaturate by 10%, it is **67.7347, -46.5010, 30.3113**.

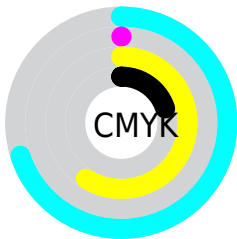
Distribution



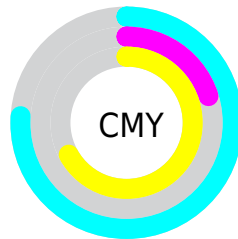
- Red (24%)
- Green (80%)
- Blue (33%)



- Red (24%)
- Yellow (73%)
- Blue (80%)



- Cyan (70%)
- Magenta (0%)
- Yellow (59%)
- Black (20%)



- Cyan (76%)
- Magenta (20%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.9346, -50.2561, 33.1160 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 66.9346, -50.2561, 33.1160 by changing the saturation by 10% instead.

■ 66.9346, -50.2561,
33.1160

■ 66.9346, -50.2561,
33.1160

191.3061,
-82.3227, 60.0962

■ 55.9493, -46.0179,
29.5976

■ 90.7891, -58.1606,
39.7151

■ 45.6398, -41.5244,
25.8911

■ 103.5938,
-61.8905, 42.8423

■ 36.0551, -36.7056,
21.9575

■ 116.9496,
-65.5037, 45.8785

■ 27.2550, -31.4587,
17.8769

■ 130.8346,
-69.0175, 48.8374

■ 19.3168, -25.6281,
13.5218

■ 145.2294,
-72.4459, 51.7301

■ 12.3470, -21.6072,
8.6429

160.1165,

■ 5.5305, -9.6783,

-75.8002, 54.5659

3.8713

175.4802,
-79.0898, 57.3524

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.9346, -50.2561,
33.1160

■ 66.9346, -50.2561,
33.1160

■ 66.3635, -53.0130,
35.3955

■ 67.7347, -46.5010,
30.3113

■ 65.9968, -54.8289,
37.1480

■ 68.7732, -41.7285,
26.9978


■ 65.7940, -55.8704,
38.3714


■ 70.0594, -35.9602,
23.2086


■ 71.5964, -29.2468,
18.9878


■ 73.3830, -21.6618,

14.3876

 75.4148, -13.2936,
9.4641

 77.6846, -4.2380,
4.2740

 80.1830, 5.4078,
-1.1289

 82.8994, 15.5503,
-6.6951

Harmonies

Analogous

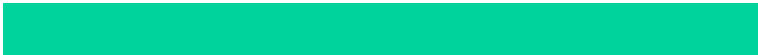
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.9360, -27.7280, 40.6797



66.9346, -50.2561, 33.1160



66.9360, -59.7764, 12.4009

Triad

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



66.9360, -50.2570, 33.1164



66.9360, -13.1987, -101.6293



66.9360, 74.6537, 24.0211

Complementary

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



66.9346, -50.2561, 33.1160



44.2188, 63.9652, -30.9738

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.



66.9360, 80.8729, -6.4847



66.9346, -50.2561, 33.1160



66.9360, 24.5773, -92.4277

Square

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



66.9360, -50.2570, 33.1164



66.9360, -41.5780, -72.8552



66.9360, 60.9414, -51.9619



66.9360, 45.4162, 37.7282

Rectangle

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



66.9346, -50.2561, 33.1160



66.9360, -59.2713, -11.5686



66.9360, 60.9414, -51.9619



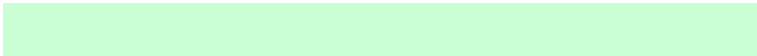
66.9360, 79.7246, 15.9554

Sweetspot

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



66.9360, -50.2570, 33.1164



94.1476, -29.0782, 19.2340



73.1690, -25.9296, 41.0549



43.2494, -14.7497, 9.6789

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.9360, -50.2570, 33.1164



85.1343, -69.5324, 46.7601



68.1991, -42.5371, 14.7190



35.4466, -5.9474, 4.2722



52.2054, -44.2712, 30.3166



11.8961, -9.8138, 6.3162

Inverse Universe

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



44.2188, 63.9652, -30.9738



53.0173, 93.1247, -43.0185



41.6226, 53.4314, 5.1391



33.7238, 2.4377, -0.5663



31.5924, 60.1193, -26.2238



7.2327, 13.8556, -6.7169

Previews

White Background



This preview shows how the HunterLab color 66.9346, -50.2561, 33.1160 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 66.9346, -50.2561, 33.1160 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 66.9346, -50.2561, 33.1160 Background



This preview shows how black text looks on a background with the HunterLab color 66.9346, -50.2561, 33.1160.



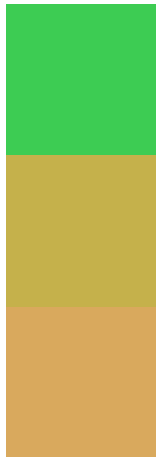
This preview shows how white text looks on a background with the HunterLab color 66.9346,

-50.2561, 33.1160.

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

66.9346, -50.2561, 33.1160

Protanopia

66.1986, -7.9416, 34.6903

Deuteranopia

66.2706, 4.6387, 31.6518



Tritanopia

66.6058, -22.9487, -11.9073

Trichromacy



Original Color

66.9346, -50.2561, 33.1160



Protanomaly

65.1050, -27.9581, 33.0640



Deuteranomaly

64.5374, -21.5894, 30.7069



Tritanomaly

66.3474, -35.3754, 9.7172

Monochromacy



Original Color

66.9346, -50.2561, 33.1160



Achromatopsia

54.0158, -2.8821, 2.9348



Achromatomaly

57.5964, -23.8010, 15.4445

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.9346, -50.2561, 33.1160 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(61, 204, 83)` looks like.

```
.text, #text, p{  
    color:rgb(61, 204, 83)  
}
```

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(61, 204, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 204, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 66.9346, -50.2561, 33.1160 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(61, 204, 83) }
```


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

```
.border{ border-color:rgb(61, 204, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 204, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 204, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 204, 83);  
box-shadow:4px 4px 4px 4px rgb(61, 204,  
83) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.9346, -50.2561, 33.1160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 204, 83) }
```

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

```
.background{ background-color: rgb(61, 204,  
83) }
```

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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