

Converting Colors

HunterLab(58.3753, -50.0568,
35.0941)

Have a look what the booklet for
HunterLab(58.3753, -50.0568,
35.0941) contains.

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Color

**HunterLab(58.5500,
-50.2066, 35.1993)**

Conversions

Conversions Part 1

Format	Color
Hex	00B800
RGB	0, 184, 0
RGB Percent	0%, 72%, 0%
CMY	1.0000, 0.2784, 0.9999
CMYK	1.00, 0.00, 1.00, 0.28
HSL	120°, 100%, 36%
HSV	120°, 100%, 72%
XYZ	17.1405, 34.2810, 5.7135
YIQ	108.0080, -50.6000, -96.2320

Conversions

Conversions Part 2

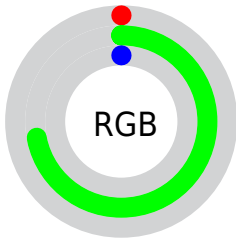
Format	Color
RYB	0, 184, 184
Decimal	47104
CIELab	65.19, -67.45, 65.10
CIELCh	65, 93.739, 136.017
Yxy	34.2824, 0.3000, 0.6000
Android (android.graphics.Color)	4278237184 (0xFF00B800)
YUV	108.0080, -53.2479, -94.7230
Hunter-Lab	58.5500, -50.2066, 35.1993

Details

The HunterLab color **58.5500, -50.2066, 35.1993** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **36.9471, 72.6377, -48.7197**, and the grayscale version is **38.9397, -2.0777, 2.1157**.

A 20% lighter version of the original color is **81.3013, -58.9777, 43.9447**, and **39.6239, -33.9775, 23.8212** is the 20% darker color. If you saturate the color by 10%, you get **58.5512, -50.2074, 35.1995**, and if you desaturate by 10%, it is **58.7026, -49.4834, 34.7098**.

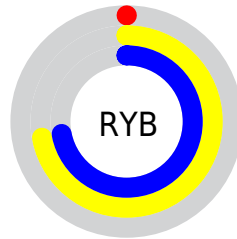
Distribution



Red (0%)

Green (72%)

Blue (0%)



Red (0%)

Yellow (72%)

Blue (72%)

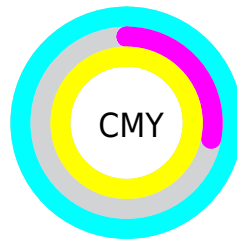


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (28%)



Cyan (100%)

Magenta (28%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.5500, -50.2066, 35.1993 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 58.5500, -50.2066, 35.1993 by changing the saturation by 10% instead.

■ 58.5500, -50.2066,
35.1993

■ 58.5500, -50.2066,
35.1993

179.2734,
-85.5912, 70.6872

■ 48.0736, -45.3970,
30.4373

■ 81.4694, -59.0717,
44.0729

■ 38.3083, -40.2458,
25.4296

■ 93.8402, -63.2156,
48.2379

■ 29.3117, -34.6522,
20.5182

■ 106.7806,
-67.2095, 52.2536

■ 21.1563, -28.4665,
14.8094

■ 120.2666,
-71.0763, 56.1398

■ 13.9398, -24.3946,
9.7578

■ 134.2769,
-74.8344, 59.9131

■ 7.5772, -13.2601,
5.3040

■ 148.7925,

0.0000, NaN, NaN

-78.4985, 63.5878

0.0000, NaN, NaN

163.7965,
-82.0807, 67.1758

0.0000, NaN, NaN

■ 58.5500, -50.2066,
35.1993

■ 58.5500, -50.2066,
35.1993

■ 58.5512, -50.2074,
35.1995

■ 58.7026, -49.4834,
34.7098

■ 58.9953, -48.0897,
33.7670

■ 59.4796, -45.8016,
32.2194

■ 60.1762, -42.5483,
30.0194

■ 61.0989, -38.3049,
27.1503

■ 62.2560, -33.0856,
23.6218

■ 63.6506, -26.9368,
19.4657

■ 65.2820, -19.9292,
14.7299

■ 67.1457, -12.1497,
9.4736

Harmonies

Analogous

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



58.5512, -23.5656, 39.2758



58.5500, -50.2066, 35.1993



58.5512, -62.1997, 18.7276

Triad

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



58.5512, -50.2074, 35.1995



58.5512, -21.1953, -128.7585



58.5512, 95.0536, 20.5068

Complementary

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



58.5500, -50.2066, 35.1993



36.9471, 72.6377, -48.7197

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.



58.5512, 96.2153, -18.2921



58.5500, -50.2066, 35.1993



58.5512, 20.5669, -126.8669

Square

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



58.5512, -50.2074, 35.1995



58.5512, -48.8910, -82.0124



58.5512, 66.0953, -77.8750



58.5512, 63.2614, 35.7279

Rectangle

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



58.5500, -50.2066, 35.1993



58.5512, -63.2453, -5.3445



58.5512, 66.0953, -77.8750



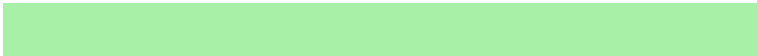
58.5512, 99.2882, 10.6013

Sweetspot

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



58.5512, -50.2074, 35.1995



85.5950, -36.7113, 26.5084



66.6882, -17.9119, 40.7794



39.3625, -18.7097, 13.4330



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



58.5512, -50.2074, 35.1995



78.8313, -67.5976, 47.3916



59.2074, -46.1109, 25.5362



31.7177, -5.4728, 4.2939



48.6068, -41.6801, 29.2211



9.1263, -7.8255, 5.4861

Inverse Universe

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



36.9471, 72.6377, -48.7197



49.7443, 97.7969, -65.5943



33.1112, 59.0375, 3.3051



30.2700, 2.3461, -1.0489



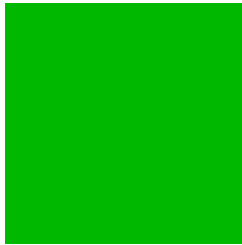
30.6720, 60.3010, -40.4453



5.7589, 11.3220, -7.5944

Previews

White Background



This preview shows how the HunterLab color 58.5500, -50.2066, 35.1993 looks on a white background.

Color Contrast Check

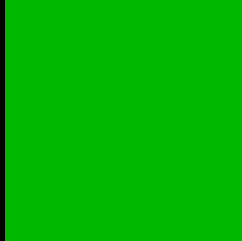
Large Text (above 18pt) WCAG AA × Fail

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 58.5500, -50.2066, 35.1993 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 58.5500, -50.2066, 35.1993 Background



This preview shows how black text looks on a background with the HunterLab color 58.5500, -50.2066, 35.1993.



This preview shows how white text looks on a background with the HunterLab color 58.5500, -50.2066, 35.1993.

-50.2066, 35.1993.

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

58.5500, -50.2066, 35.1993

Protanopia

58.1385, -8.5345, 35.6752

Deuteranopia

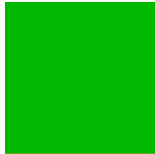
58.0119, 4.3852, 33.7718



Tritanopia

58.4862, -21.8378, -10.8731

Trichromacy



Original Color

58.5500, -50.2066, 35.1993



Protanomaly

55.8105, -31.6910, 33.8354



Deuteranomaly

55.0876, -26.0891, 32.4981



Tritanomaly

57.4558, -38.2203, 17.0481

Monochromacy



Original Color

58.5500, -50.2066, 35.1993



Achromatopsia

38.7246, -2.0663, 2.1040



Achromatomaly

43.9354, -26.7824, 19.0060

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.5500, -50.2066, 35.1993 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(0, 184, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 184, 0)  
}
```

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(0, 184, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 184, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 58.5500, -50.2066, 35.1993 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(0, 184, 0) }
```


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

```
.border{ border-color:rgb(0, 184, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 184, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 184, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 184, 0); box-shadow:4px  
4px 4px 4px rgb(0, 184, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.5500, -50.2066, 35.1993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 184, 0) }
```

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

```
.background{ background-color: rgb(0, 184,  
0) }
```

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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