

# Converting Colors

HunterLab(58.6240, -49.1565,  
35.1567)

Have a look what the booklet for  
HunterLab(58.6240, -49.1565,  
35.1567) contains.

<b>HunterLab(58.7679, -49.2606, 35.2342)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(58.7679,  
-49.2606, 35.2342)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1CB804
RGB	28, 184, 4
RGB Percent	11%, 72%, 2%
CMY	0.8902, 0.2784, 0.9842
CMYK	0.85, 0.00, 0.98, 0.28
HSL	112°, 96%, 37%
HSV	112°, 98%, 72%
XYZ	17.6413, 34.5367, 5.8513
YIQ	116.8360, -35.1960, -89.0520

# Conversions

## Conversions Part 2

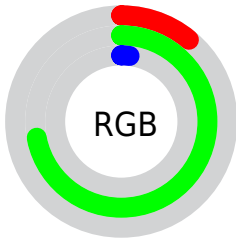
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	4, 184, 160
Decimal	1882116
CIE Lab	65.39, -65.59, 64.85
CIE LCh	65, 92.235, 135.328
Yxy	34.5381, 0.3040, 0.5952
Android (android.graphics.Color)	4280072196 (0xFF1CB804)
YUV	116.8360, -55.6281, -77.9092
Hunter-Lab	58.7679, -49.2606, 35.2342

# Details

The HunterLab color **58.7679, -49.2606, 35.2342** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **33.2026, 66.6081, -59.3549**, and the grayscale version is **42.3330, -2.2588, 2.3000**.

A 20% lighter version of the original color is **81.6005, -57.7212, 44.0343**, and **39.6239, -33.9775, 23.8212** is the 20% darker color. If you saturate the color by 10%, you get **58.7222, -49.4765, 35.3182**, and if you desaturate by 10%, it is **59.0562, -47.9553, 34.7670**.

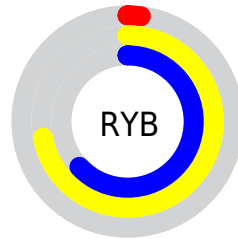
# Distribution



Red (11%)

Green (72%)

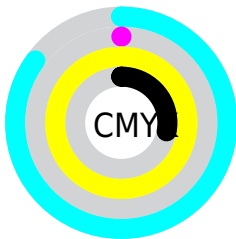
Blue (2%)



Red (2%)

Yellow (72%)

Blue (63%)

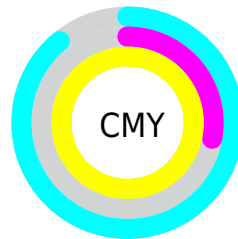


Cyan (85%)

Magenta (0%)

Yellow (98%)

Black (28%)



Cyan (89%)

Magenta (28%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.7679, -49.2606, 35.2342 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 58.7679, -49.2606, 35.2342 by changing the saturation by 10% instead.



■ 58.7679, -49.2606,  
35.2342

■ 58.7679, -49.2606,  
35.2342

179.5898,  
-83.7587, 70.5779

■ 48.2776, -44.5858,  
30.4931

■ 81.7127, -57.8866,  
44.0689

■ 38.4975, -39.5828,  
25.5046

■ 94.0952, -61.9227,  
48.2161

■ 29.4848, -34.1541,  
20.6394

■ 107.0468,  
-65.8152, 52.2152

■ 21.3116, -28.1541,  
14.9181

■ 120.5435,  
-69.5860, 56.0856

■ 14.0750, -24.4041,  
9.8525

■ 134.5641,  
-73.2528, 59.8441

■ 7.7229, -13.5150,  
5.4060

■ 149.0898,

0.0000, NaN, NaN

-76.8297, 63.5047

0.0000, NaN, NaN

164.1034,  
-80.3284, 67.0792

0.0000, NaN, NaN

■ 58.7679, -49.2606,  
35.2342

■ 58.7679, -49.2606,  
35.2342

■ 58.7222, -49.4765,  
35.3182

■ 59.0562, -47.9553,  
34.7670

■ 59.4968, -45.9296,  
33.7834

■ 60.1088, -43.1117,  
32.1730

■ 60.9031, -39.4748,  
29.8894

■ 61.8865, -35.0205,  
26.9141

■ 63.0628, -29.7742,  
23.2519

■ 64.4324, -23.7802,  
18.9265

■ 65.9933, -17.0967,  
13.9760

■ 67.7414, -9.7910,  
8.4484

# Harmonies

## Analogous

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



58.7691, -22.5165, 39.2772



58.7679, -49.2606, 35.2342



58.7691, -61.5094, 19.1688

# Triad

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



58.7691, -49.2614, 35.2344



58.7691, -21.7621, -124.9493



58.7691, 93.5677, 19.7378

# Complementary

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



58.7679, -49.2606, 35.2342



33.2026, 66.6081, -59.3549

# 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.



58.7691, 93.9337, -19.0808



58.7679, -49.2606, 35.2342



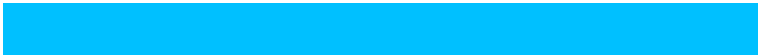
58.7691, 19.1283, -124.3576

# Square

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



58.7691, -49.2614, 35.2344



58.7691, -48.8401, -78.7472



58.7691, 63.8977, -77.4495



58.7691, 63.0035, 35.4077



# Rectangle

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



58.7679, -49.2606, 35.2342



58.7691, -62.7342, -4.1800



58.7691, 63.8977, -77.4495



58.7691, 97.4551, 9.7300

# Sweetspot

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



58.7691, -49.2614, 35.2344



86.4235, -33.4313, 26.5146



59.4501, -6.8708, 36.3975



39.7580, -17.1333, 13.4774



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.



58.7691, -49.2614, 35.2344



79.0251, -66.7687, 47.5260



58.9498, -47.7573, 29.6584



31.8056, -5.1573, 4.3958



48.7674, -40.9937, 29.3326



9.2574, -7.2687, 5.5771



# Inverse Universe

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



33.2026, 66.6081, -59.3549



44.3274, 90.0642, -81.0614



34.0386, 61.4765, -7.8089



30.1669, 2.0005, -1.1863



27.4254, 55.6632, -49.6910

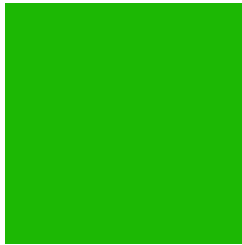


5.3116, 10.6791, -8.8383



# Previews

## White Background



This preview shows how the HunterLab color 58.7679, -49.2606, 35.2342 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 58.7679, -49.2606, 35.2342 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 58.7679, -49.2606, 35.2342 Background



This preview shows how black text looks on a background with the HunterLab color 58.7679, -49.2606, 35.2342.



This preview shows how white text looks on a background with the HunterLab color 58.7679, -49.2606, 35.2342.

-49.2606, 35.2342.

# 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

58.7679, -49.2606, 35.2342

### Protanopia

58.2398, -8.1731, 35.7440

### Deuteranopia

58.0119, 4.3852, 33.7718



## Tritanopia

58.6327, -21.2822, -10.6569

# Trichromacy



## Original Color

58.7679, -49.2606, 35.2342



## Protanomaly

56.4363, -29.2042, 34.2344



## Deuteranomaly

55.8158, -23.2549, 32.8849



## Tritanomaly

57.7985, -36.7817, 17.0681

# Monochromacy



## Original Color

58.7679, -49.2606, 35.2342



## Achromatopsia

42.1768, -2.2504, 2.2915



## Achromatomaly

46.3712, -25.0422, 19.3929

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 58.7679, -49.2606, 35.2342 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(28, 184, 4)` looks like.

```
.text, #text, p{  
    color:rgb(28, 184, 4)  
}
```

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(28, 184, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 184, 4) }
```

## Border

The CSS property to change the border of an element to HunterLab 58.7679, -49.2606, 35.2342 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(28, 184, 4) }
```



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

```
.border{ border-color:rgb(28, 184, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 184, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 184, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 184, 4);  
box-shadow:4px 4px 4px 4px rgb(28, 184, 4)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 58.7679, -49.2606, 35.2342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 184, 4) }
```

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

```
.background{ background-color: rgb(28, 184,  
4) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor