

# Converting Colors

HunterLab(73.7654, -60.1056,  
43.9469)

Have a look what the booklet for  
HunterLab(73.7654, -60.1056,  
43.9469) contains.

<b>HunterLab(73.6178, -59.9803, 43.8520)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(73.6178,  
-59.9803, 43.8520)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38E012
RGB	56, 224, 18
RGB Percent	22%, 88%, 7%
CMY	0.7804, 0.1216, 0.9293
CMYK	0.75, 0.00, 0.92, 0.12
HSL	109°, 85%, 47%
HSV	109°, 92%, 88%
XYZ	28.3958, 54.1958, 9.5365
YIQ	150.2840, -34.0020, -99.6820

# Conversions

## Conversions Part 2

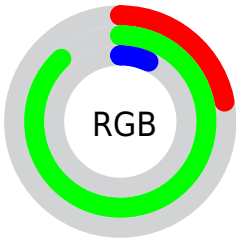
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 224, 186
Decimal	3727378
CIE <sub>Lab</sub>	78.58, -73.40, 74.24
CIE <sub>LCh</sub>	79, 104.401, 134.674
Yxy	54.1981, 0.3082, 0.5883
Android (android.graphics.Color)	4281917458 (0xFF38E012)
YUV	150.2840, -65.2160, -82.6871
Hunter-Lab	73.6178, -59.9803, 43.8520

# Details

The HunterLab color **73.6178, -59.9803, 43.8520** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **40.3203, 79.6361, -77.4643**, and the grayscale version is **55.6076, -2.9671, 3.0213**.

A 20% lighter version of the original color is **87.7617, -58.2853, 46.3714**, and **52.5713, -45.0799, 31.6050** is the 20% darker color. If you saturate the color by 10%, you get **73.3425, -61.2173, 44.1216**, and if you desaturate by 10%, it is **74.1190, -57.7199, 43.0253**.

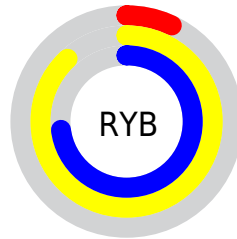
# Distribution



Red (22%)

Green (88%)

Blue (7%)



Red (7%)

Yellow (88%)

Blue (73%)

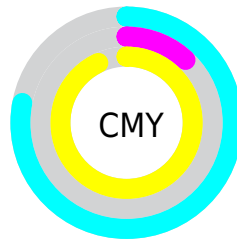


Cyan (75%)

Magenta (0%)

Yellow (92%)

Black (12%)



Cyan (78%)

Magenta (12%)


Yellow (93%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.6178, -59.9803, 43.8520 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 73.6178, -59.9803, 43.8520 by changing the saturation by 10% instead.





 73.6178, -59.9803,  
43.8520


 73.6178, -59.9803,  
43.8520


200.7149,  
-96.5451, 82.1000


 62.2576, -55.1430,  
38.8263


 98.1657, -69.0130,  
53.3046


 51.5491, -50.0256,  
33.5725


 111.2936,  
-73.2748, 57.7754

 41.5366, -44.5594,  
28.1263


 124.9596,  
-77.4007, 62.1025

 32.2722, -38.6473,  
22.5905

 139.1433,  
-81.4095, 66.3028

 23.8221, -32.1501,  
16.6755

 153.8263,  
-85.3167, 70.3910

 16.2740, -26.6932,  
11.3918

 168.9924,

 9.7523, -17.0666,

-89.1349, 74.3795

6.8266

184.6264,  
-92.8747, 78.2794

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.6178, -59.9803,  
43.8520

■ 73.6178, -59.9803,  
43.8520

■ 73.3425, -61.2173,  
44.1216

■ 74.1190, -57.7199,  
43.0253


■ 74.8156, -54.5394,  
41.4403


■ 75.7233, -50.3957,  
39.0128


■ 76.8516, -45.2794,  
35.6989


■ 78.2057, -39.2100,

31.4868

 79.7875, -32.2308,  
26.3912

 81.5957, -24.4026,  
20.4478

 83.6266, -15.7988,  
13.7077

 85.8743, -6.4996,  
6.2329

# Harmonies

## Analogous

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



73.6193, -26.6986, 48.9125



73.6178, -59.9803, 43.8520



73.6193, -75.5043, 24.2820

# Triad

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



73.6193, -59.9814, 43.8523



73.6193, -27.6171, -149.5838



73.6193, 113.7971, 23.5844

# Complementary

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



73.6178, -59.9803, 43.8520



40.3203, 79.6361, -77.4643

# 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.



73.6193, 113.3578, -24.4330



73.6178, -59.9803, 43.8520



73.6193, 21.9886, -150.2872

# Square

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



73.6193, -59.9814, 43.8523



73.6193, -60.4986, -93.3989



73.6193, 76.4135, -94.9472



73.6193, 77.4894, 43.6325



# Rectangle

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



73.6178, -59.9803, 43.8520



73.6193, -77.2391, -3.8267



73.6193, 76.4135, -94.9472



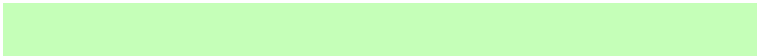
73.6193, 118.1997, 11.0650

# Sweetspot

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



73.6193, -59.9814, 43.8523



93.1679, -34.0382, 28.0954



70.4835, -2.4318, 42.9069



42.7005, -17.5056, 14.3165

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



73.6193, -59.9814, 43.8523



84.9263, -70.9941, 51.0883



73.4975, -59.7737, 38.1489



39.3169, -6.3184, 5.5576



55.9869, -46.5663, 33.6836



14.8612, -11.7465, 8.9517



# Inverse Universe

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



40.3203, 79.6361, -77.4643



45.4171, 93.6748, -93.8803



43.4710, 77.9018, -18.6037



37.1500, 2.4200, -1.6242



30.0293, 61.8577, -61.4592

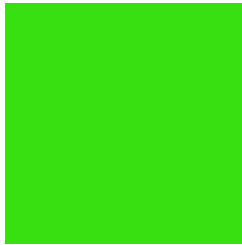


8.1155, 16.5736, -15.4957



# Previews

## White Background



This preview shows how the HunterLab color 73.6178, -59.9803, 43.8520 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 73.6178, -59.9803, 43.8520 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 73.6178, -59.9803, 43.8520 Background



This preview shows how black text looks on a background with the HunterLab color 73.6178, -59.9803, 43.8520.



This preview shows how white text looks on a background with the HunterLab color 73.6178, -59.9803, 43.8520.

-59.9803, 43.8520.

# 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

73.6178, -59.9803, 43.8520

### Protanopia

72.7266, -10.2332, 44.6347

### Deuteranopia

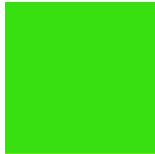
72.7896, 5.4064, 42.3961



## Tritanopia

73.2624, -25.3670, -12.9487

# Trichromacy



## Original Color

73.6178, -59.9803, 43.8520



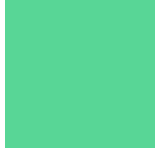
## Protanomaly

71.0424, -34.5450, 43.0034



## Deuteranomaly

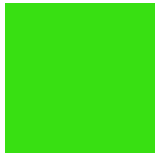
70.3799, -26.7477, 41.2825



## Tritanomaly

72.3670, -43.8237, 20.1849

# Monochromacy



## Original Color

73.6178, -59.9803, 43.8520



## Achromatopsia

55.2257, -2.9467, 3.0005



## Achromatomaly

60.0971, -29.9560, 24.1056

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 73.6178, -59.9803, 43.8520 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(56, 224, 18)` looks like.

```
.text, #text, p{  
    color:rgb(56, 224, 18)  
}
```

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(56, 224, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 224, 18) }
```

## Border

The CSS property to change the border of an element to HunterLab 73.6178, -59.9803, 43.8520 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(56, 224, 18) }
```



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

```
.border{ border-color:rgb(56, 224, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 224, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 224, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 224, 18);  
box-shadow:4px 4px 4px 4px rgb(56, 224,  
18) }
```

# Background

The CSS property to change the background color of an element to HunterLab 73.6178, -59.9803, 43.8520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 224, 18) }
```

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

```
.background{ background-color: rgb(56, 224,  
18) }
```

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