

# Converting Colors

HunterLab(65.4064, -55.7713,  
38.8957)

Have a look what the booklet for  
HunterLab(65.4064, -55.7713,  
38.8957) contains.

<b>HunterLab(65.4076, -55.7561, 38.8834)</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(65.4076,  
-55.7561, 38.8834)**

# Conversions

## Conversions Part 1

Format	Color
Hex	05CB10
RGB	5, 203, 16
RGB Percent	2%, 80%, 6%
CMY	0.9804, 0.2039, 0.9372
CMYK	0.98, 0.00, 0.92, 0.20
HSL	123°, 95%, 41%
HSV	123°, 98%, 80%
XYZ	21.5120, 42.7815, 7.6141
YIQ	122.4800, -57.9810, -100.1330

# Conversions

## Conversions Part 2

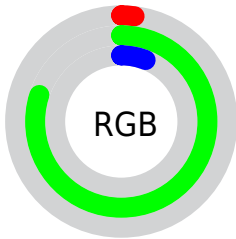
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 193, 203
Decimal	379664
CIELab	71.41, -72.04, 68.30
CIELCh	71, 99.275, 136.528
Yxy	42.7833, 0.2992, 0.5949
Android (android.graphics.Color)	4278569744 (0xFF05CB10)
YUV	122.4800, -52.4946, -103.0300
Hunter-Lab	65.4076, -55.7561, 38.8834

# Details

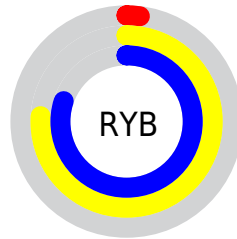
The HunterLab color **65.4076, -55.7561, 38.8834** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **40.7562, 78.4479, -46.0476**, and the grayscale version is **44.5181, -2.3754, 2.4188**.

A 20% lighter version of the original color is **86.7502, -62.5456, 46.3429**, and **45.6809, -39.1714, 27.4626** is the 20% darker color. If you saturate the color by 10%, you get **65.3747, -55.9230, 39.0092**, and if you desaturate by 10%, it is **65.6099, -54.7696, 38.0195**.

# Distribution



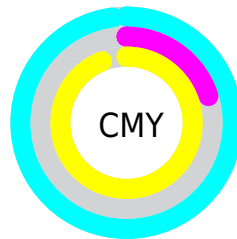
- Red (2%)
- Green (80%)
- Blue (6%)



- Red (2%)
- Yellow (76%)
- Blue (80%)



- Cyan (98%)
- Magenta (0%)
- Yellow (92%)
- Black (20%)




- Cyan (98%)
- Magenta (20%)
- Yellow (94%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.4076, -55.7561, 38.8834 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 65.4076, -55.7561, 38.8834 by changing the saturation by 10% instead.





 65.4076, -55.7561,  
38.8834


 65.4076, -55.7561,  
38.8834


189.1348,  
-92.5206, 75.1840


 54.5116, -50.8154,  
34.0626


 89.0976, -64.9160,  
47.9055

 44.2973, -45.5548,  
29.0037


 101.8258,  
-69.2147, 52.1563


 34.8151, -39.8883,  
24.0026


 115.1082,  
-73.3651, 56.2628

 26.1268, -33.6922,  
18.2887

 128.9227,  
-77.3889, 60.2434

 18.3128, -27.2336,  
12.8189

 143.2495,  
-81.3032, 64.1134

 11.4847, -20.0983,  
8.0393

 158.0709,

 3.9476, -6.9083,

-85.1225, 67.8863

2.7633

173.3708,  
-88.8583, 71.5732

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.4076, -55.7561,  
38.8834

■ 65.4076, -55.7561,  
38.8834

■ 65.3747, -55.9230,  
39.0092

■ 65.6099, -54.7696,  
38.0195

■ 65.9961, -52.9068,  
36.5651

■ 66.6006, -50.0377,  
34.4694

■ 67.4437, -46.1024,  
31.7086

■ 68.5387, -41.0883,

28.2859

■ 69.8929, -35.0223,  
24.2268

■ 71.5086, -27.9638,  
19.5756

■ 73.3838, -19.9955,  
14.3893

■ 75.5128, -11.2152,  
8.7325

# Harmonies

## Analogous

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



65.4090, -26.6247, 43.6738



65.4076, -55.7561, 38.8834



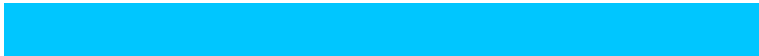
65.4090, -68.8094, 20.1709

# Triad

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



65.4090, -55.7570, 38.8836



65.4090, -22.7021, -140.6801



65.4090, 103.6377, 23.1287

# Complementary

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



65.4076, -55.7561, 38.8834



40.7562, 78.4479, -46.0476

# 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.



65.4090, 105.5425, -19.0177



65.4076, -55.7561, 38.8834



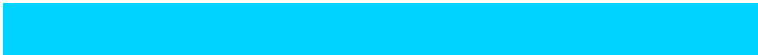
65.4090, 23.3788, -137.5979

# Square

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



65.4090, -55.7570, 38.8836



65.4090, -53.5671, -90.5620



65.4090, 73.1165, -83.8042



65.4090, 68.4628, 39.7821

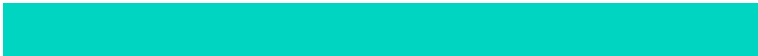


# Rectangle

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



65.4076, -55.7561, 38.8834



65.4090, -69.8226, -6.6542



65.4090, 73.1165, -83.8042



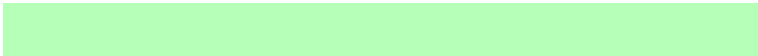
65.4090, 108.4675, 12.3541

# Sweetspot

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



65.4090, -55.7570, 38.8836



92.1193, -37.9664, 26.4984



73.5361, -23.3330, 44.7884



42.1938, -19.4167, 13.4779

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



65.4090, -55.7570, 38.8836



84.5885, -72.3987, 50.5596



66.3012, -50.1987, 25.7659



35.4216, -6.0873, 4.6308



52.1554, -44.5849, 31.0563



11.8614, -10.0308, 6.8278



# Inverse Universe

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



40.7562, 78.4479, -46.0476



52.5352, 102.0350, -59.5929



36.8992, 64.6302, 6.8148



33.7529, 2.5933, -0.9789



32.4009, 62.9506, -36.9159

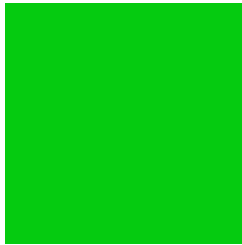


7.3821, 14.3776, -8.6830



# Previews

## White Background



This preview shows how the HunterLab color 65.4076, -55.7561, 38.8834 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

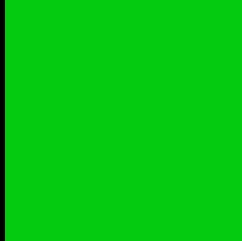
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 65.4076, -55.7561, 38.8834 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

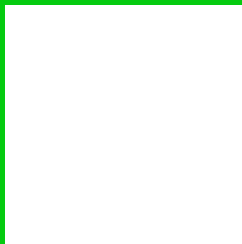
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 65.4076, -55.7561, 38.8834 Background



This preview shows how black text looks on a background with the HunterLab color 65.4076, -55.7561, 38.8834.



This preview shows how white text looks on a background with the HunterLab color 65.4076, -55.7561, 38.8834.

-55.7561, 38.8834.

# 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

65.4076, -55.7561, 38.8834

### Protanopia

64.8135, -9.0421, 39.7795

### Deuteranopia

64.8174, 4.6060, 37.6565



## Tritanopia

65.3346, -24.6056, -12.0134

# Trichromacy



## Original Color

65.4076, -55.7561, 38.8834



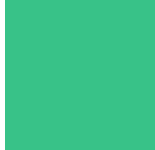
## Protanomaly

62.6283, -35.1132, 37.8135



## Deuteranomaly

61.6638, -28.5730, 35.9678



## Tritanomaly

64.1887, -41.7892, 17.3063

# Monochromacy



## Original Color

65.4076, -55.7561, 38.8834



## Achromatopsia

44.1155, -2.3539, 2.3969



## Achromatomaly

49.4166, -29.2179, 20.1201

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 65.4076, -55.7561, 38.8834 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(5, 203, 16)` looks like.

```
.text, #text, p{  
    color:rgb(5, 203, 16)  
}
```

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(5, 203, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 203, 16) }
```

## Border

The CSS property to change the border of an element to HunterLab 65.4076, -55.7561, 38.8834 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(5, 203, 16) }
```



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

```
.border{ border-color:rgb(5, 203, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 203, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 203, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 203, 16);  
box-shadow:4px 4px 4px 4px rgb(5, 203, 16)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 65.4076, -55.7561, 38.8834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 203, 16) }
```

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

```
.background{ background-color: rgb(5, 203,  
16) }
```

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