

Converting Colors

HunterLab(65.8189, -55.7044,
37.9819)

Have a look what the booklet for
HunterLab(65.8189, -55.7044,
37.9819) contains.

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Color

**HunterLab(65.8174,
-55.7139, 38.0043)**

Conversions

Conversions Part 1

Format	Color
Hex	00CC25
RGB	0, 204, 37
RGB Percent	0%, 80%, 15%
CMY	1.0000, 0.2000, 0.8549
CMYK	1.00, 0.00, 0.82, 0.20
HSL	131°, 100%, 40%
HSV	131°, 100%, 80%
XYZ	21.9268, 43.3193, 8.9561
YIQ	123.9660, -67.9770, -95.1850

Conversions

Conversions Part 2

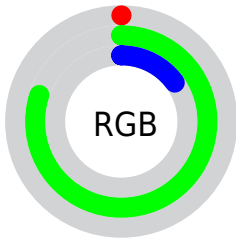
Format	Color
RYB	0, 173, 204
Decimal	52261
CIELab	71.77, -71.67, 64.35
CIELCh	72, 96.319, 138.081
Yxy	43.3211, 0.2955, 0.5838
Android (android.graphics.Color)	4278242341 (0xFF00CC25)
YUV	123.9660, -42.8742, -108.7182
Hunter-Lab	65.8174, -55.7139, 38.0043

Details

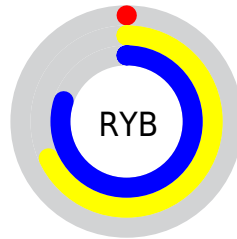
The HunterLab color **65.8174, -55.7139, 38.0043** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **39.5320, 74.7567, -29.1607**, and the grayscale version is **45.0643, -2.4045, 2.4484**.

A 20% lighter version of the original color is **86.7906, -62.1579, 44.6660**, and **46.0215, -39.4635, 27.6674** is the 20% darker color. If you saturate the color by 10%, you get **65.8187, -55.7148, 38.0046**, and if you desaturate by 10%, it is **66.0334, -54.6031, 36.6321**.

Distribution



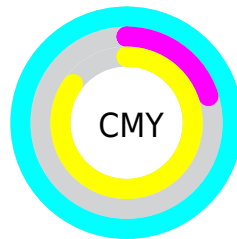
- Red (0%)
- Green (80%)
- Blue (15%)



- Red (0%)
- Yellow (68%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (82%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.8174, -55.7139, 38.0043 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 65.8174, -55.7139, 38.0043 by changing the saturation by 10% instead.

■ 65.8174, -55.7139,
38.0043

■ 65.8174, -55.7139,
38.0043

189.7184,
-92.2659, 72.4049

■ 54.8973, -50.8085,
33.4419

■ 89.5518, -64.8135,
46.5377

■ 44.6572, -45.5877,
28.6453

■ 102.3006,
-69.0859, 50.5598

■ 35.1474, -39.9674,
23.6984

■ 115.6028,
-73.2120, 54.4478

■ 26.4288, -33.8258,
18.5002

■ 129.4363,
-77.2129, 58.2193

■ 18.5812, -27.3166,
13.0069

■ 143.7814,
-81.1060, 61.8891

■ 11.7147, -20.5008,
8.2003

■ 158.6205,

■ 4.4296, -7.7518,

-84.9051, 65.4698

3.1007

173.9377,
-88.6218, 68.9721

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.8174, -55.7139,
38.0043

■ 65.8174, -55.7139,
38.0043

■ 65.8187, -55.7148,
38.0046

■ 66.0334, -54.6031,
36.6321

■ 66.4095, -52.7325,
34.7644

■ 66.9895, -49.9361,
32.4035

■ 67.7931, -46.1568,
29.5566

■ 68.8337, -41.3803,

26.2457

■ 70.1189, -35.6276,
22.5057

■ 71.6517, -28.9492,
18.3811

■ 73.4308, -21.4172,
13.9231

■ 75.4520, -13.1181,
9.1854

Harmonies

Analogous

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



65.8188, -27.9492, 43.4554



65.8174, -55.7139, 38.0043



65.8188, -67.9039, 18.2329

Triad

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



65.8188, -55.7148, 38.0045



65.8188, -20.2202, -135.4999



65.8188, 98.7669, 24.1165

Complementary

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



65.8174, -55.7139, 38.0043



39.5320, 74.7567, -29.1607

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.



65.8188, 102.4481, -15.4729



65.8174, -55.7139, 38.0043



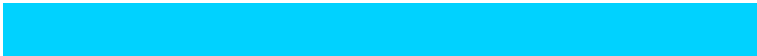
65.8188, 25.1013, -129.6206

Square

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



65.8188, -55.7148, 38.0045



65.8188, -51.3531, -89.8919



65.8188, 72.7283, -76.9357



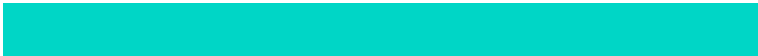
65.8188, 63.7053, 39.8752

Rectangle

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



65.8174, -55.7139, 38.0043



65.8188, -68.4610, -8.8731



65.8188, 72.7283, -76.9357



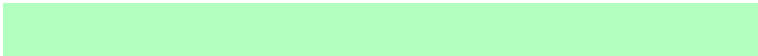
65.8188, 103.9995, 13.9977

Sweetspot

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



65.8188, -55.7148, 38.0045



92.1232, -37.6119, 23.8705



71.9263, -31.1392, 43.7754



42.2151, -19.1555, 12.1151

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.8188, -55.7148, 38.0045



84.6872, -71.7792, 49.0989



67.0560, -48.0364, 19.8827



35.4537, -5.9079, 4.1709



52.2262, -44.1408, 30.0092



11.9058, -9.7532, 6.1733

Inverse Universe

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



39.5320, 74.7567, -29.1607



50.8435, 96.0998, -37.1352



36.4078, 63.4957, 14.6394



33.7157, 2.3944, -0.4514



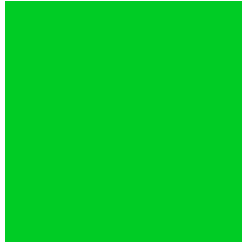
31.3824, 59.3786, -23.4053



7.1932, 13.7167, -6.1906

Previews

White Background



This preview shows how the HunterLab color 65.8174, -55.7139, 38.0043 looks on a white background.

Color Contrast Check

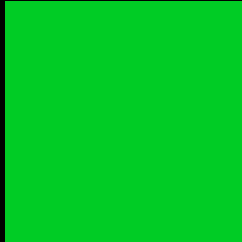
Large Text (above 18pt) WCAG AA × Fail

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 65.8174, -55.7139, 38.0043 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 65.8174, -55.7139, 38.0043 Background



This preview shows how black text looks on a background with the HunterLab color 65.8174, -55.7139, 38.0043.



This preview shows how white text looks on a background with the HunterLab color 65.8174, -55.7139, 38.0043.

-55.7139, 38.0043.

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

65.8174, -55.7139, 38.0043

Protanopia

65.1801, -9.1323, 38.9464

Deuteranopia

65.1639, 4.4724, 36.8279



Tritanopia

65.7008, -24.8331, -12.0721

Trichromacy



Original Color

65.8174, -55.7139, 38.0043



Protanomaly

62.9143, -35.5469, 36.8574



Deuteranomaly

61.9300, -29.0480, 34.8706



Tritanomaly

64.6746, -41.2270, 14.9417

Monochromacy



Original Color

65.8174, -55.7139, 38.0043



Achromatopsia

44.8950, -2.3955, 2.4392



Achromatomaly

50.2170, -29.0605, 18.4801

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.8174, -55.7139, 38.0043 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, 204, 37)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 37)  
}
```

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, 204, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 65.8174, -55.7139, 38.0043 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, 204, 37) }
```


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

```
.border{ border-color:rgb(0, 204, 37) }
```

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

Here you see how a box with a 4 pixel rgb(0, 204, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 37);  
box-shadow:4px 4px 4px 4px rgb(0, 204, 37)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 65.8174, -55.7139, 38.0043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 204, 37) }
```

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

```
.background{ background-color: rgb(0, 204,  
37) }
```

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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