

Converting Colors

HunterLab(64.9519, -55.6213,
38.5844)

Have a look what the booklet for
HunterLab(64.9519, -55.6213,
38.5844) contains.

HunterLab(65.0219, -55.5509, 38.6467)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(65.0219,
-55.5509, 38.6467)**

Conversions

Conversions Part 1

Format	Color
Hex	00CA10
RGB	0, 202, 16
RGB Percent	0%, 79%, 6%
CMY	1.0000, 0.2078, 0.9372
CMYK	1.00, 0.00, 0.92, 0.21
HSL	125°, 100%, 40%
HSV	125°, 100%, 79%
XYZ	21.2141, 42.2785, 7.5327
YIQ	120.3980, -60.6860, -100.6700

Conversions

Conversions Part 2

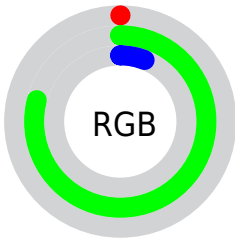
Format	Color
RYB	0, 187, 202
Decimal	51728
CIELab	71.06, -71.97, 68.00
CIELCh	71, 99.019, 136.625
Yxy	42.2802, 0.2987, 0.5953
Android (android.graphics.Color)	4278241808 (0xFF00CA10)
YUV	120.3980, -51.4682, -105.5890
Hunter-Lab	65.0219, -55.5509, 38.6467

Details

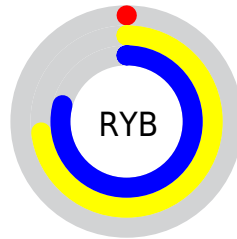
The HunterLab color **65.0219, -55.5509, 38.6467** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **40.1269, 77.5518, -42.5450**, and the grayscale version is **43.7048, -2.3320, 2.3746**.

A 20% lighter version of the original color is **86.7151, -62.6912, 46.3163**, and **45.3407, -38.8796, 27.2581** is the 20% darker color. If you saturate the color by 10%, you get **65.0232, -55.5518, 38.6469**, and if you desaturate by 10%, it is **65.2017, -54.6640, 37.8012**.

Distribution



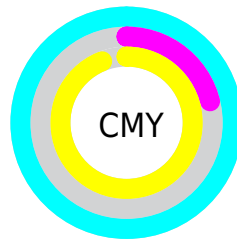
- Red (0%)
- Green (79%)
- Blue (6%)



- Red (0%)
- Yellow (73%)
- Blue (79%)



- Cyan (100%)
- Magenta (0%)
- Yellow (92%)
- Black (21%)





- Cyan (100%)
- Magenta (21%)
- Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 65.0219, -55.5509, 38.6467 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 65.0219, -55.5509, 38.6467 by changing the saturation by 10% instead.


 65.0219, -55.5509,
38.6467


 65.0219, -55.5509,
38.6467


188.5851,
-92.3244, 74.8456


 54.1487, -50.6050,
33.8368


 88.6699, -64.7170,
47.6461


 43.9586, -45.3370,
28.7882


 101.3786,
-69.0175, 51.8853


 34.5027, -39.6601,
23.8159


 114.6424,
-73.1690, 55.9803

 25.8429, -33.4491,
18.0901

 128.4389,
-77.1934, 59.9494

 18.0608, -27.0664,
12.6425

 142.7484,
-81.1080, 63.8081

 11.2692, -19.7211,
7.8885

 157.5530,

 3.4316, -6.0053,

-84.9272, 67.5698

2.4021

172.8368,
-88.6627, 71.2457

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.0219, -55.5509,
38.6467

■ 65.0219, -55.5509,
38.6467

■ 65.0232, -55.5518,
38.6469

■ 65.2017, -54.6640,
37.8012

■ 65.5446, -52.9932,
36.3904

■ 66.0967, -50.3555,
34.3761

■ 66.8794, -46.6825,
31.7367

■ 67.9072, -41.9534,

28.4751

■ 69.1886, -36.1869,
24.6153

■ 70.7267, -29.4347,
20.1984

■ 72.5205, -21.7732,
15.2781

■ 74.5652, -13.2949,
9.9158

Harmonies

Analogous

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



65.0232, -26.6189, 43.4255



65.0219, -55.5509, 38.6467



65.0232, -68.4870, 19.9720

Triad

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



65.0232, -55.5518, 38.6469



65.0232, -22.4650, -140.2367



65.0232, 103.1395, 23.1031

Complementary

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



65.0219, -55.5509, 38.6467



40.1269, 77.5518, -42.5450

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.



65.0232, 105.1581, -18.7574



65.0219, -55.5509, 38.6467



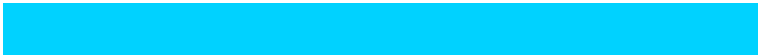
65.0232, 23.4452, -136.9688

Square

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



65.0232, -55.5518, 38.6469



65.0232, -53.2338, -90.4213



65.0232, 72.9538, -83.2577



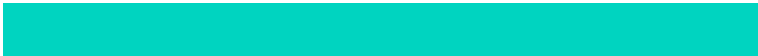
65.0232, 68.0228, 39.5963

Rectangle

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



65.0219, -55.5509, 38.6467



65.0232, -69.4662, -6.7927



65.0232, 72.9538, -83.2577



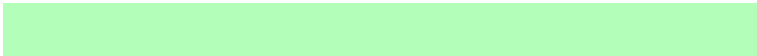
65.0232, 107.9897, 12.4127

Sweetspot

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



65.0232, -55.5518, 38.6469



91.9395, -38.6844, 26.5309



72.8028, -24.4454, 44.4328



42.1235, -19.6945, 13.4444

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.0232, -55.5518, 38.6469



84.5998, -72.3279, 50.3928



65.9306, -49.8990, 25.3103



35.4276, -6.0538, 4.5448



52.1642, -44.5294, 30.9255



11.8698, -9.9784, 6.7044

Inverse Universe

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



40.1269, 77.5518, -42.5450



52.1973, 100.8562, -55.1601



36.4060, 64.2605, 8.6863



33.7458, 2.5557, -0.8792



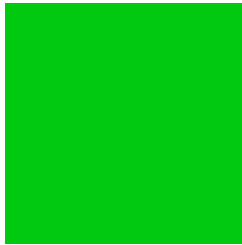
32.1978, 62.2424, -34.2533



7.3449, 14.2482, -8.1973

Previews

White Background



This preview shows how the HunterLab color 65.0219, -55.5509, 38.6467 looks on a white background.

Color Contrast Check

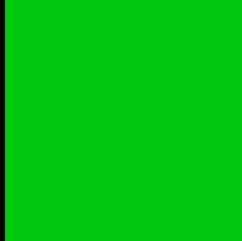
Large Text (above 18pt) WCAG AA × Fail

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 65.0219, -55.5509, 38.6467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

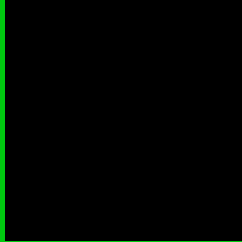
Any Text WCAG AA ✓ Pass

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 65.0219, -55.5509, 38.6467 Background



This preview shows how black text looks on a background with the HunterLab color 65.0219, -55.5509, 38.6467.



This preview shows how white text looks on a background with the HunterLab color 65.0219, -55.5509, 38.6467.

-55.5509, 38.6467.

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

65.0219, -55.5509, 38.6467

Protanopia

64.4121, -8.9413, 39.5339

Deuteranopia

64.4204, 4.7041, 37.3990



Tritanopia

64.9689, -24.3779, -11.9546

Trichromacy



Original Color

65.0219, -55.5509, 38.6467



Protanomaly

62.1122, -35.4551, 37.4881



Deuteranomaly

61.1273, -28.9904, 35.6165



Tritanomaly

63.7758, -41.7353, 17.2582

Monochromacy



Original Color

65.0219, -55.5509, 38.6467



Achromatopsia

43.3383, -2.3124, 2.3547



Achromatomaly

48.9473, -29.4616, 19.9759

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.0219, -55.5509, 38.6467 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, 202, 16)` looks like.

```
.text, #text, p{  
    color:rgb(0, 202, 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(0, 202, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 202, 16) }
```

Border

The CSS property to change the border of an element to HunterLab 65.0219, -55.5509, 38.6467 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, 202, 16) }
```


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

```
.border{ border-color:rgb(0, 202, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 202, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 202, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 202, 16);  
box-shadow:4px 4px 4px 4px rgb(0, 202, 16)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 65.0219, -55.5509, 38.6467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 202, 16) }
```

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

```
.background{ background-color: rgb(0, 202,  
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