

Converting Colors

HunterLab(64.5463, -54.9966,
38.8103)

Have a look what the booklet for
HunterLab(64.5463, -54.9966,
38.8103) contains.

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Color

**HunterLab(64.6984,
-55.1390, 38.9016)**

Conversions

Conversions Part 1

Format	Color
Hex	0DC900
RGB	13, 201, 0
RGB Percent	5%, 79%, 0%
CMY	0.9490, 0.2118, 0.9999
CMYK	0.94, 0.00, 1.00, 0.21
HSL	116°, 100%, 39%
HSV	116°, 100%, 79%
XYZ	21.0526, 41.8588, 6.9699
YIQ	121.8740, -47.5270, -102.3670

Conversions

Conversions Part 2

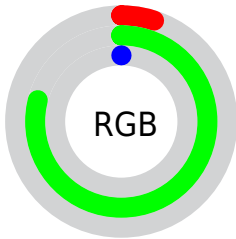
Format	Color
RYB	0, 201, 188
Decimal	903424
CIELab	70.77, -71.50, 69.60
CIELCh	71, 99.784, 135.771
Yxy	41.8606, 0.3013, 0.5990
Android (android.graphics.Color)	4279093504 (0xFF0DC900)
YUV	121.8740, -60.0839, -95.4825
Hunter-Lab	64.6984, -55.1390, 38.9016

Details

The HunterLab color **64.6984, -55.1390, 38.9016** 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 **38.6162, 77.0490, -59.7010**, and the grayscale version is **44.3080, -2.3642, 2.4073**.

A 20% lighter version of the original color is **86.7409, -62.6739, 47.0311**, and **45.0009, -38.5883, 27.0538** is the 20% darker color. If you saturate the color by 10%, you get **64.6996, -55.1406, 38.9023**, and if you desaturate by 10%, it is **64.9075, -54.1746, 38.4375**.

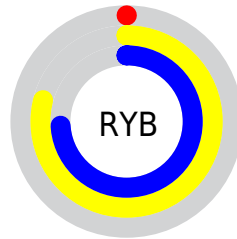
Distribution



Red (5%)

Green (79%)

Blue (0%)



Red (0%)

Yellow (79%)

Blue (74%)

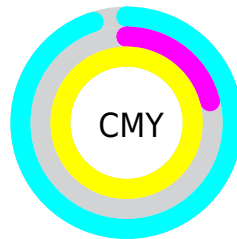


Cyan (94%)

Magenta (0%)

Yellow (100%)

Black (21%)



Cyan (95%)


Magenta (21%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.6984, -55.1390, 38.9016 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 64.6984, -55.1390, 38.9016 by changing the saturation by 10% instead.


 64.6984, -55.1390,
38.9016


 64.6984, -55.1390,
38.9016


188.1235,
-91.7304, 75.8886


 53.8443, -50.2167,
33.9849


 88.3111, -64.2602,
48.1040

 43.6748, -44.9727,
28.8289


 101.0034,
-68.5392, 52.4382

 34.2409, -39.3200,
23.8840


 114.2515,
-72.6700, 56.6239

 25.6053, -33.1327,
17.9237

 128.0329,
-76.6742, 60.6798

 17.8499, -26.8322,
12.4949

 142.3278,
-80.5693, 64.6215

 11.0892, -19.4061,
7.7624

 157.1184,

 2.9285, -5.1249,

-84.3695, 68.4628

2.0500

172.3885,
-88.0866, 72.2152

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.6984, -55.1390,
38.9016

■ 64.6984, -55.1390,
38.9016

■ 64.6996, -55.1406,
38.9023

■ 64.9075, -54.1746,
38.4375

■ 65.2865, -52.4068,
37.4706

■ 65.8671, -49.6993,
35.8285

■ 66.6673, -45.9947,
33.4523

■ 67.6991, -41.2774,

30.3177

■ 68.9693, -35.5674,
26.4294

■ 70.4803, -28.9138,
21.8157

■ 72.2307, -21.3878,
16.5233

■ 74.2159, -13.0749,
10.6110

Harmonies

Analogous

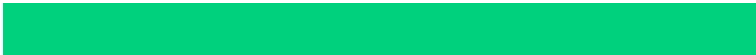
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.6997, -25.6436, 43.3709



64.6984, -55.1390, 38.9016



64.6997, -68.4900, 20.8804

Triad

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



64.6997, -55.1399, 38.9018



64.6997, -23.6651, -141.1432



64.6997, 104.6541, 22.3671

Complementary

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



64.6984, -55.1390, 38.9016



38.6162, 77.0490, -59.7010

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.



64.6997, 105.6216, -20.5722



64.6984, -55.1390, 38.9016



64.6997, 22.1949, -139.5702

Square

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



64.6997, -55.1399, 38.9018



64.6997, -54.0397, -89.5403



64.6997, 72.2965, -86.0977



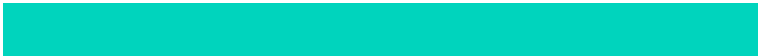
64.6997, 69.9354, 39.3458

Rectangle

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



64.6984, -55.1390, 38.9016



64.6997, -69.7155, -5.4573



64.6997, 72.2965, -86.0977



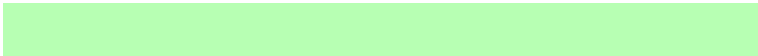
64.6997, 109.2054, 11.3738

Sweetspot

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



64.6997, -55.1399, 38.9018



92.1281, -38.2313, 28.8234



69.4376, -13.5809, 42.5489



42.2165, -19.4669, 14.5735

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.6997, -55.1399, 38.9018



84.6371, -72.2291, 50.8885



65.1652, -52.0987, 31.0164



34.5254, -5.8239, 4.7504



51.3162, -43.6629, 30.8564



11.2185, -9.2790, 6.7503

Inverse Universe

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



38.6162, 77.0490, -59.7010



50.4871, 100.7609, -78.2296



36.9206, 66.5096, -1.6076



32.8335, 2.4129, -1.2462



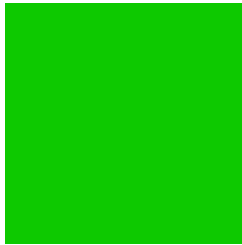
30.6445, 61.1319, -47.2690



6.7486, 13.4175, -10.0602

Previews

White Background



This preview shows how the HunterLab color 64.6984, -55.1390, 38.9016 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 64.6984, -55.1390, 38.9016 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 64.6984, -55.1390, 38.9016 Background



This preview shows how black text looks on a background with the HunterLab color 64.6984, -55.1390, 38.9016.



This preview shows how white text looks on a background with the HunterLab color 64.6984, -55.1390, 38.9016.

-55.1390, 38.9016.

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

64.6984, -55.1390, 38.9016

Protanopia

64.0112, -8.8406, 39.2887

Deuteranopia

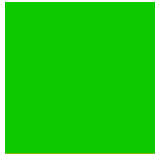
64.0118, 4.7377, 37.3196



Tritanopia

64.6036, -24.1502, -11.8957

Trichromacy



Original Color

64.6984, -55.1390, 38.9016



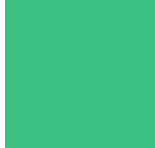
Protanomaly

62.0130, -34.1570, 37.6142



Deuteranomaly

61.0565, -27.6591, 36.0717



Tritanomaly

63.4146, -41.6869, 18.9279

Monochromacy



Original Color

64.6984, -55.1390, 38.9016



Achromatopsia

44.1155, -2.3539, 2.3969



Achromatomaly

49.4744, -29.1367, 21.3380

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.6984, -55.1390, 38.9016 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(13, 201, 0)` looks like.

```
.text, #text, p{  
    color:rgb(13, 201, 0)  
}
```

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(13, 201, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 201, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 64.6984, -55.1390, 38.9016 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(13, 201, 0) }
```


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

```
.border{ border-color:rgb(13, 201, 0) }
```

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

Here you see how a box with a 4 pixel rgb(13, 201, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 201, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 201, 0);  
box-shadow:4px 4px 4px 4px rgb(13, 201, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 64.6984, -55.1390, 38.9016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 201, 0) }
```

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

```
.background{ background-color: rgb(13, 201,  
0) }
```

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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