

Converting Colors

HunterLab(65.7000, -51.2340,
28.4806)

Have a look what the booklet for
HunterLab(65.7000, -51.2340,
28.4806) contains.

HunterLab(65.7120, -51.2434, 28.4856)	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(65.7120,
-51.2434, 28.4856)**

Conversions

Conversions Part 1

Format	Color
Hex	00CA65
RGB	0, 202, 101
RGB Percent	0%, 79%, 40%
CMY	1.0000, 0.2078, 0.6039
CMYK	1.00, 0.00, 0.50, 0.21
HSL	150°, 100%, 40%
HSV	150°, 100%, 79%
XYZ	23.4695, 43.1807, 19.4097
YIQ	130.0880, -87.9710, -74.2350

Conversions

Conversions Part 2

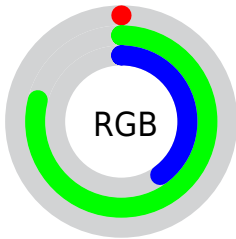
Format	Color
RYB	0, 135, 202
Decimal	51813
CIELab	71.68, -64.24, 38.61
CIELCh	72, 74.946, 148.993
Yxy	43.1824, 0.2727, 0.5017
Android (android.graphics.Color)	4278241893 (0xFF00CA65)
YUV	130.0880, -14.3404, -114.0872
Hunter-Lab	65.7120, -51.2434, 28.4856

Details

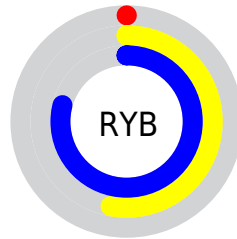
The HunterLab color **65.7120, -51.2434, 28.4856** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **36.7384, 65.4720, 3.9097**, and the grayscale version is **47.3635, -2.5272, 2.5733**.

A 20% lighter version of the original color is **87.5327, -57.4206, 32.2243**, and **45.6035, -37.2339, 23.3769** is the 20% darker color. If you saturate the color by 10%, you get **65.7132, -51.2449, 28.4872**, and if you desaturate by 10%, it is **65.9876, -49.7749, 26.2505**.

Distribution



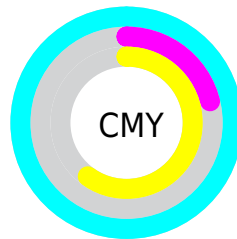
- Red (0%)
- Green (79%)
- Blue (40%)



- Red (0%)
- Yellow (53%)
- Blue (79%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (21%)





- Cyan (100%)
- Magenta (21%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 65.7120, -51.2434, 28.4856 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 65.7120, -51.2434, 28.4856 by changing the saturation by 10% instead.


 65.7120, -51.2434,
28.4856


 65.7120, -51.2434,
28.4856


189.5683,
-84.4549, 51.0026


 54.7981, -46.8270,
25.6048


 89.4349, -59.4604,
33.9172

 44.5646, -42.1359,
22.5761


 102.1784,
-63.3301, 36.5069

 35.0619, -37.0944,
19.3609


 115.4756,
-67.0743, 39.0320

 26.3511, -31.5912,
15.9083

 129.3042,
-70.7118, 41.5033

 18.5121, -25.5215,
12.9585

 143.6446,
-74.2574, 43.9295

 11.6555, -20.3971,
8.1588

158.4792,

 4.3108, -7.5439,

-77.7233, 46.3177

3.0176

173.7919,
-81.1197, 48.6738

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.7120, -51.2434,
28.4856

■ 65.7120, -51.2434,
28.4856

■ 65.7132, -51.2449,
28.4872

■ 65.9876, -49.7749,
26.2505

■ 66.3985, -47.7092,
23.8680

■ 66.9847, -44.9023,
21.3875

■ 67.7635, -41.3088,
18.8455

■ 68.7467, -36.9157,

16.2781

■ 69.9412, -31.7370,
13.7201

■ 71.3506, -25.8083,
11.2040

■ 72.9748, -19.1818,
8.7586

■ 74.8111, -11.9211,
6.4088

Harmonies

Analogous

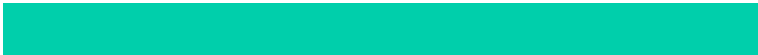
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.7133, -32.6676, 38.2928



65.7120, -51.2434, 28.4856



65.7133, -57.5471, 4.6766

Triad

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



65.7133, -51.2441, 28.4860



65.7133, -4.6718, -95.9478



65.7133, 65.1510, 27.3990

Complementary

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



65.7120, -51.2434, 28.4856



36.7384, 65.4720, 3.9097

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.



65.7133, 76.8262, 2.4580



65.7120, -51.2434, 28.4856



65.7133, 31.8283, -79.0035

Square

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



65.7133, -51.2441, 28.4860



65.7133, -34.3067, -76.7374



65.7133, 63.5501, -37.9348



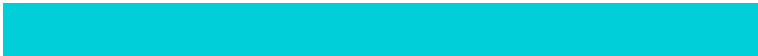
65.7133, 34.2683, 37.9314

Rectangle

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



65.7120, -51.2434, 28.4856



65.7133, -55.2015, -20.4488



65.7133, 63.5501, -37.9348



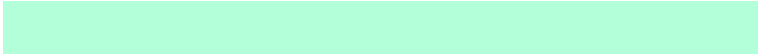
65.7133, 71.7025, 20.9763

Sweetspot

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



65.7133, -51.2441, 28.4860



92.7582, -33.9209, 14.7131



67.2371, -46.3205, 40.6199



42.5380, -17.2645, 7.4507

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.7133, -51.2441, 28.4860



85.4782, -66.8439, 37.4565



68.0804, -36.8441, -5.5581



35.5373, -5.4413, 2.9752



52.7297, -41.0008, 22.6015



12.0404, -8.9180, 4.2019

Inverse Universe

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



36.7384, 65.4720, 3.9097



47.7551, 85.0184, 5.7712



35.4467, 60.7226, 22.7429



33.6239, 1.9024, 0.8532



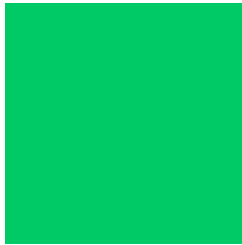
29.5003, 52.6308, 2.7011



6.8139, 12.3653, -0.9949

Previews

White Background



This preview shows how the HunterLab color 65.7120, -51.2434, 28.4856 looks on a white background.

Color Contrast Check

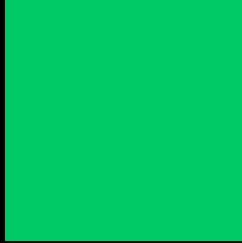
Large Text (above 18pt) WCAG AA × Fail

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 65.7120, -51.2434, 28.4856 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 65.7120, -51.2434, 28.4856 Background



This preview shows how black text looks on a background with the HunterLab color 65.7120, -51.2434, 28.4856.



This preview shows how white text looks on a background with the HunterLab color 65.7120, -51.2434, 28.4856.

-51.2434, 28.4856.

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

65.7120, -51.2434, 28.4856

Protanopia

64.9876, -7.2600, 30.8882

Deuteranopia

64.8844, 4.8271, 26.5860



Tritanopia

65.4683, -25.6453, -12.9897

Trichromacy



Original Color

65.7120, -51.2434, 28.4856



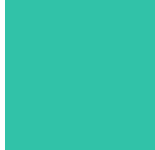
Protanomaly

62.6457, -32.0359, 27.7946



Deuteranomaly

61.9436, -25.9702, 24.4007



Tritanomaly

64.8565, -37.4651, 5.4422

Monochromacy



Original Color

65.7120, -51.2434, 28.4856



Achromatopsia

47.2470, -2.5210, 2.5670



Achromatomaly

51.9113, -26.2497, 11.5945

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.7120, -51.2434, 28.4856 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, 101)` looks like.

```
.text, #text, p{  
    color:rgb(0, 202, 101)  
}
```

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, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 202, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 65.7120, -51.2434, 28.4856 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, 101) }
```


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

```
.border{ border-color:rgb(0, 202, 101) }
```

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, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 202, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 202, 101);  
box-shadow:4px 4px 4px 4px rgb(0, 202,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.7120, -51.2434, 28.4856 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, 101) }
```

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

```
.background{ background-color: rgb(0, 202,  
101) }
```

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