

Converting Colors

HunterLab(67.5499, -59.5041,
32.7961)

Have a look what the booklet for
HunterLab(67.5499, -59.5041,
32.7961) contains.

HunterLab(68.3850, -55.1326, 33.5401)	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(68.3850,
-55.1326, 33.5401)**

Conversions

Conversions Part 1

Format	Color
Hex	00D256
RGB	0, 210, 86
RGB Percent	0%, 82%, 34%
CMY	1.0000, 0.1765, 0.6627
CMYK	1.00, 0.00, 0.59, 0.18
HSL	145°, 100%, 41%
HSV	145°, 100%, 82%
XYZ	24.7263, 46.7651, 16.5275
YIQ	133.0740, -85.3560, -83.0840

Conversions

Conversions Part 2

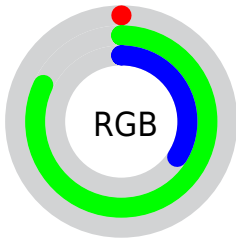
Format	Color
RYB	0, 149, 210
Decimal	53846
CIELab	74.04, -68.91, 48.55
CIELCh	74, 84.301, 144.834
Yxy	46.7670, 0.2809, 0.5313
Android (android.graphics.Color)	4278243926 (0xFF00D256)
YUV	133.0740, -23.2075, -116.7059
Hunter-Lab	68.3850, -55.1326, 33.5401

Details

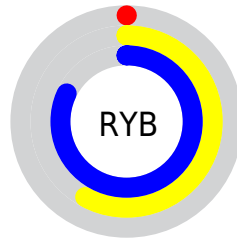
The HunterLab color **68.3850, -55.1326, 33.5401** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **38.9329, 70.4110, -3.8195**, and the grayscale version is **48.5745, -2.5918, 2.6391**.

A 20% lighter version of the original color is **87.3654, -58.6411, 36.2309**, and **48.1825, -40.5438, 27.2985** is the 20% darker color. If you saturate the color by 10%, you get **68.3863, -55.1338, 33.5410**, and if you desaturate by 10%, it is **68.6615, -53.6553, 31.3048**.

Distribution



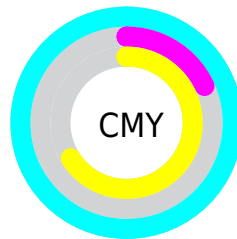
- Red (0%)
- Green (82%)
- Blue (34%)



- Red (0%)
- Yellow (58%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.3850, -55.1326, 33.5401 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 68.3850, -55.1326, 33.5401 by changing the saturation by 10% instead.

■ 68.3850, -55.1326,
33.5401

■ 68.3850, -55.1326,
33.5401

193.3607,
-90.1931, 60.4148

■ 57.3162, -50.4691,
30.0454

■ 92.3936, -63.8145,
40.1025

■ 46.9177, -45.5206,
26.3673

■ 105.2700,
-67.9030, 43.2153

■ 37.2374, -40.2121,
22.4675

■ 118.6946,
-71.8581, 46.2392

■ 28.3332, -34.4354,
18.3501

■ 132.6458,
-75.6989, 49.1873

■ 20.2797, -28.0318,
14.1958

■ 147.1044,
-79.4412, 52.0707

■ 13.1787, -23.0628,
9.2251

162.0533,

■ 6.6881, -11.7042,

-83.0975, 54.8982

4.6817

177.4768,
-86.6785, 57.6775

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.3850, -55.1326,
33.5401

■ 68.3850, -55.1326,
33.5401

■ 68.3863, -55.1338,
33.5410

■ 68.6615, -53.6553,
31.3048

■ 69.0875, -51.5025,
28.8119

■ 69.7045, -48.5239,
26.1057

■ 70.5312, -44.6707,
23.2222

■ 71.5800, -39.9306,

20.1998

■ 72.8585, -34.3216,
17.0783

■ 74.3697, -27.8858,
13.8976

■ 76.1133, -20.6840,
10.6955

■ 78.0859, -12.7892,
7.5066

Harmonies

Analogous

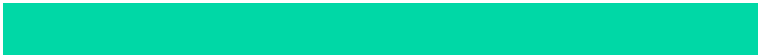
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.3864, -32.5973, 42.1105



68.3850, -55.1326, 33.5401



68.3864, -63.8358, 9.8868

Triad

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



68.3864, -55.1334, 33.5404



68.3864, -10.3278, -113.6278



68.3864, 79.3750, 27.5633

Complementary

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



68.3850, -55.1326, 33.5401



38.9329, 70.4110, -3.8195

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.



68.3864, 89.1087, -3.0751



68.3850, -55.1326, 33.5401



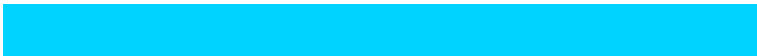
68.3864, 31.0856, -98.9974

Square

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



68.3864, -55.1334, 33.5404



68.3864, -41.9766, -85.0337



68.3864, 69.7776, -52.0056



68.3864, 45.5663, 40.2790

Rectangle

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



68.3850, -55.1326, 33.5401



68.3864, -62.4658, -17.3693



68.3864, 69.7776, -52.0056



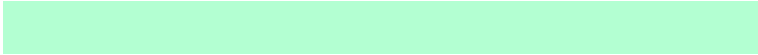
68.3864, 85.8521, 19.6944

Sweetspot

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



68.3864, -55.1334, 33.5404



92.5683, -35.0222, 17.4458



71.0852, -44.9175, 43.0158



42.4405, -17.8338, 8.8552

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.3864, -55.1334, 33.5404



85.1635, -68.8015, 42.0757



70.5474, -41.9007, 2.2739



36.4491, -5.7335, 3.4111



53.4274, -42.9494, 25.9359



12.6950, -9.7734, 5.2303

Inverse Universe

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



38.9329, 70.4110, -3.8195



48.4567, 87.5659, -4.2099



37.0897, 63.6624, 22.8345



34.5307, 2.1065, 0.4959



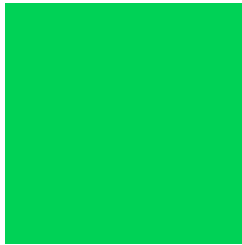
30.4399, 55.1125, -3.4555



7.3051, 13.4182, -2.3180

Previews

White Background



This preview shows how the HunterLab color 68.3850, -55.1326, 33.5401 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 68.3850, -55.1326, 33.5401 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 68.3850, -55.1326, 33.5401 Background



This preview shows how black text looks on a background with the HunterLab color 68.3850, -55.1326, 33.5401.



This preview shows how white text looks on a background with the HunterLab color 68.3850, -55.1326, 33.5401.

-55.1326, 33.5401.

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

68.3850, -55.1326, 33.5401

Protanopia

67.8241, -8.2856, 35.5101

Deuteranopia

67.6316, 4.9766, 31.8470



Tritanopia

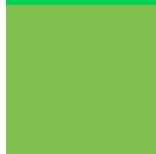
68.2463, -26.4654, -13.0997

Trichromacy



Original Color

68.3850, -55.1326, 33.5401



Protanomaly

65.4734, -34.9714, 32.8595



Deuteranomaly

64.4755, -28.3398, 29.7103



Tritanomaly

67.6668, -40.4299, 8.9548

Monochromacy



Original Color

68.3850, -55.1326, 33.5401



Achromatopsia

48.4304, -2.5841, 2.6313



Achromatomaly

53.5556, -28.2505, 14.2139

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.3850, -55.1326, 33.5401 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, 210, 86)` looks like.

```
.text, #text, p{  
    color:rgb(0, 210, 86)  
}
```

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, 210, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 210, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 68.3850, -55.1326, 33.5401 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, 210, 86) }
```


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

```
.border{ border-color:rgb(0, 210, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 210, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 210, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 210, 86);  
box-shadow:4px 4px 4px 4px rgb(0, 210, 86)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 68.3850, -55.1326, 33.5401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 210, 86) }
```

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

```
.background{ background-color: rgb(0, 210,  
86) }
```

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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