

Converting Colors

HunterLab(68.1205, -54.4618,
32.4227)

Have a look what the booklet for
HunterLab(68.1205, -54.4618,
32.4227) contains.

HunterLab(68.0854, -54.4227, 32.3822)	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(68.0854,
-54.4227, 32.3822)**

Conversions

Conversions Part 1

Format	Color
Hex	00D15B
RGB	0, 209, 91
RGB Percent	0%, 82%, 36%
CMY	1.0000, 0.1804, 0.6431
CMYK	1.00, 0.00, 0.56, 0.18
HSL	146°, 100%, 41%
HSV	146°, 100%, 82%
XYZ	24.6888, 46.3562, 17.5439
YIQ	133.0570, -86.6860, -81.0060

Conversions

Conversions Part 2

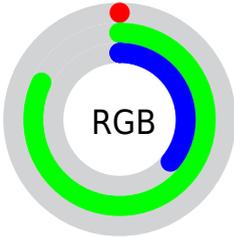
Format	Color
RYB	0, 146, 209
Decimal	53595
CIELab	73.78, -67.94, 45.96
CIELCh	74, 82.024, 145.926
Yxy	46.3581, 0.2787, 0.5233
Android (android.graphics.Color)	4278243675 (0xFF00D15B)
YUV	133.0570, -20.7341, -116.6910
Hunter-Lab	68.0854, -54.4227, 32.3822

Details

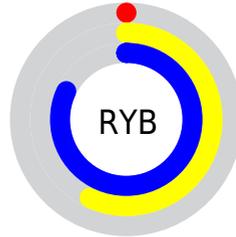
The HunterLab color **68.0854, -54.4227, 32.3822** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **38.5542, 69.4170, -1.3900**, and the grayscale version is **48.5589, -2.5910, 2.6383**.

A 20% lighter version of the original color is **87.4509, -58.1199, 34.9805**, and **47.8842, -39.9686, 26.4296** is the 20% darker color. If you saturate the color by 10%, you get **68.0867, -54.4240, 32.3834**, and if you desaturate by 10%, it is **68.3641, -52.9333, 30.1149**.

Distribution



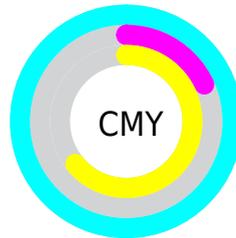
- Red (0%)
- Green (82%)
- Blue (36%)



- Red (0%)
- Yellow (57%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (56%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.0854, -54.4227, 32.3822 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 68.0854, -54.4227, 32.3822 by changing the saturation by 10% instead.

■ 68.0854, -54.4227,
32.3822

■ 68.0854, -54.4227,
32.3822

192.9369,
-89.0767, 58.0940

■ 57.0338, -49.8159,
29.0522

■ 92.0623, -63.0000,
38.6417

■ 46.6535, -44.9276,
25.5483

■ 104.9240,
-67.0400, 41.6146

■ 36.9928, -39.6833,
21.8320

■ 118.3344,
-70.9487, 44.5053

■ 28.1099, -33.9749,
17.8659

■ 132.2720,
-74.7451, 47.3262

■ 20.0801, -27.6435,
14.0561

■ 146.7175,
-78.4445, 50.0878

■ 13.0059, -22.7604,
9.1041

161.6537,

■ 6.4666, -11.3166,

-82.0596, 52.7984

4.5266

177.0649,
-85.6007, 55.4652

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.0854, -54.4227,
32.3822

■ 68.0854, -54.4227,
32.3822

■ 68.0867, -54.4240,
32.3834

■ 68.3641, -52.9333,
30.1149

■ 68.7892, -50.7860,
27.6213

■ 69.4023, -47.8320,
24.9481

■ 70.2214, -44.0231,
22.1318

■ 71.2591, -39.3469,

19.2110

 72.5227, -33.8203,
16.2243

 74.0155, -27.4838,
13.2100

 75.7372, -20.3961,
10.2036

 77.6846, -12.6281,
7.2369

Harmonies

Analogous

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



68.0868, -32.8678, 41.3577



68.0854, -54.4227, 32.3822



68.0868, -62.5070, 8.4860

Triad

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



68.0868, -54.4235, 32.3826



68.0868, -8.7771, -109.3263



68.0868, 75.8206, 27.7253

Complementary

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



68.0854, -54.4227, 32.3822



38.5542, 69.4170, -1.3900

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.



68.0868, 86.2167, -1.4475



68.0854, -54.4227, 32.3822



68.0868, 31.5471, -93.8461

Square

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



68.0868, -54.4235, 32.3826



68.0868, -40.0973, -83.2958



68.0868, 68.5156, -48.2164



68.0868, 42.5988, 39.8975

Rectangle

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



68.0854, -54.4227, 32.3822



68.0868, -60.8533, -18.3906



68.0868, 68.5156, -48.2164



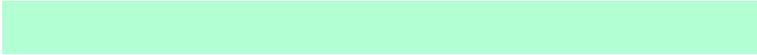
68.0868, 82.3756, 20.2270

Sweetspot

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



68.0868, -54.4235, 32.3826



92.6218, -34.7115, 16.6749



70.3456, -46.1373, 42.5387



42.4679, -17.6736, 8.4600

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



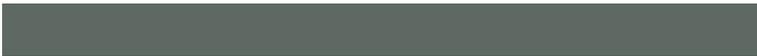
68.0868, -54.4235, 32.3826



85.2457, -68.2894, 40.8676



70.3889, -40.3585, -0.8572



36.4562, -5.6942, 3.3102



53.4798, -42.6233, 25.1663



12.7082, -9.6920, 5.0381

Inverse Universe

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



38.5542, 69.4170, -1.3900



48.2419, 86.7881, -1.1701



36.8613, 63.2104, 23.1554



34.5231, 2.0657, 0.6040



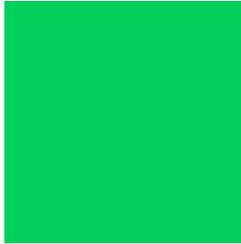
30.3059, 54.6273, -1.5611



7.2754, 13.3117, -1.9052

Previews

White Background



This preview shows how the HunterLab color 68.0854, -54.4227, 32.3822 looks on a white background.

Color Contrast Check

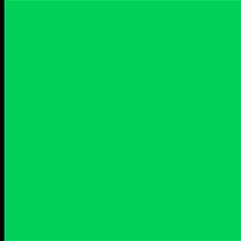
Large Text (above 18pt) WCAG AA × Fail

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 68.0854, -54.4227, 32.3822 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 68.0854, -54.4227, 32.3822 Background



This preview shows how black text looks on a background with the HunterLab color 68.0854, -54.4227, 32.3822.



This preview shows how white text looks on a background with the HunterLab color 68.0854, -54.4227, 32.3822.

-54.4227, 32.3822.

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

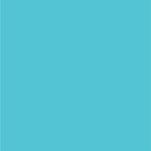
68.0854, -54.4227, 32.3822

Protanopia

67.3749, -8.2297, 34.3473

Deuteranopia

67.1755, 5.0079, 30.6142



Tritanopia

67.8433, -26.3669, -13.0914

Trichromacy



Original Color

68.0854, -54.4227, 32.3822



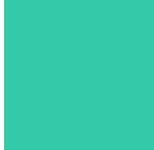
Protanomaly

65.1379, -34.4588, 31.7117



Deuteranomaly

64.0702, -28.1135, 28.5221



Tritanomaly

67.3279, -39.9562, 8.1646

Monochromacy



Original Color

68.0854, -54.4227, 32.3822



Achromatopsia

48.4304, -2.5841, 2.6313



Achromatomaly

53.5995, -27.9892, 13.5785

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.0854, -54.4227, 32.3822 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, 209, 91)` looks like.

```
.text, #text, p{  
    color:rgb(0, 209, 91)  
}
```

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, 209, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 209, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 68.0854, -54.4227, 32.3822 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, 209, 91) }
```

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

```
.border{ border-color:rgb(0, 209, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 209, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 209, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 209, 91);  
box-shadow:4px 4px 4px 4px rgb(0, 209, 91)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 68.0854, -54.4227, 32.3822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 209, 91) }
```

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

```
.background{ background-color: rgb(0, 209,  
91) }
```

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