

Converting Colors

HunterLab(71.4051, -55.1654,
33.9389)

Have a look what the booklet for
HunterLab(71.4051, -55.1654,
33.9389) contains.

HunterLab(71.4030, -55.1570, 33.8435)	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(71.4030,
-55.1570, 33.8435)**

Conversions

Conversions Part 1	
Format	Color
Hex	2BD960
RGB	43, 217, 96
RGB Percent	17%, 85%, 38%
CMY	0.8314, 0.1490, 0.6235
CMYK	0.80, 0.00, 0.56, 0.15
HSL	138°, 70%, 51%
HSV	138°, 80%, 85%
XYZ	27.9205, 50.9839, 19.4357
YIQ	151.1800, -64.8630, -74.5190

Conversions

Conversions Part 2

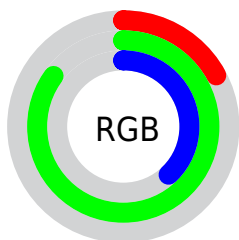
Format	Color
RYB	43, 176, 217
Decimal	2873696
CIELab	76.67, -67.06, 47.16
CIELCh	77, 81.985, 144.880
Yxy	50.9860, 0.2839, 0.5184
Android (android.graphics.Color)	4281063776 (0xFF2BD960)
YUV	151.1800, -27.2037, -94.8739
Hunter-Lab	71.4030, -55.1570, 33.8435

Details

The HunterLab color **71.4030, -55.1570, 33.8435** 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 **43.7729, 70.9406, -19.3594**, and the grayscale version is **55.8296, -2.9789, 3.0333**.

A 20% lighter version of the original color is **88.0576, -55.4711, 34.1449**, and **50.6671, -42.1658, 27.6943** is the 20% darker color. If you saturate the color by 10%, you get **70.9812, -57.2957, 36.2470**, and if you desaturate by 10%, it is **72.0355, -52.0990, 31.0755**.

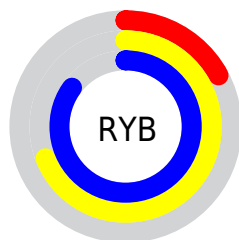
Distribution



Red (17%)

Green (85%)

Blue (38%)



Red (17%)

Yellow (69%)

Blue (85%)

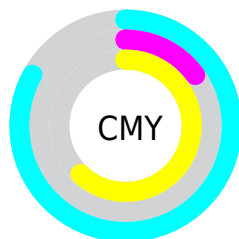


Cyan (80%)

Magenta (0%)

Yellow (56%)

Black (15%)



Cyan (83%)


Magenta (15%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 71.4030, -55.1570, 33.8435 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 71.4030, -55.1570, 33.8435 by changing the saturation by 10% instead.


 71.4030, -55.1570,
33.8435

 71.4030, -55.1570,
33.8435


197.6131,
-89.1291, 59.9153


 60.1643, -50.6768,
30.4802


 95.7257, -63.5273,
40.1782

 49.5850, -45.9371,
26.9480


 108.7485,
-67.4805, 43.1911

 39.7107, -40.8712,
23.2104


 122.3136,
-71.3106, 46.1224

 30.5960, -35.3834,
19.2242

 136.4000,
-75.0352, 48.9844

 22.3103, -29.3330,
15.6172

 150.9892,
-78.6686, 51.7870

 14.9468, -24.7586,
10.4627

166.0643,

 8.5934, -15.0385,

-82.2225, 54.5386

6.0154

181.6102,
-85.7066, 57.2461

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.4030, -55.1570,
33.8435

■ 71.4030, -55.1570,
33.8435

■ 70.9812, -57.2957,
36.2470

■ 72.0355, -52.0990,
31.0755

■ 70.7264, -58.6565,
38.2206


■ 72.8948, -48.0636,
27.9704


■ 73.9957, -43.0380,
24.5651


■ 75.3464, -37.0429,
20.9018


■ 76.9500, -30.1273,

17.0272

 78.8059, -22.3611,
12.9888

 80.9100, -13.8281,
8.8333

 83.2554, -4.6195,
4.6040

 85.8334, 5.1720,
0.3395

Harmonies

Analogous

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



71.4045, -32.5652, 42.9440



71.4030, -55.1570, 33.8435



71.4045, -63.9566, 9.9332

Triad

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



71.4045, -55.1579, 33.8439



71.4045, -10.3490, -109.0629



71.4045, 77.2389, 27.7597

Complementary

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



71.4030, -55.1570, 33.8435



43.7729, 70.9406, -19.3594

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.



71.4045, 86.7055, -2.7396



71.4030, -55.1570, 33.8435



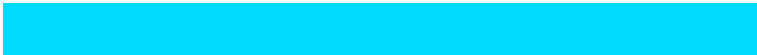
71.4045, 30.3577, -95.1013

Square

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



71.4045, -55.1579, 33.8439



71.4045, -41.8589, -81.9226



71.4045, 68.0168, -50.1707



71.4045, 44.3652, 40.9756

Rectangle

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



71.4030, -55.1570, 33.8435



71.4045, -62.5509, -16.8423



71.4045, 68.0168, -50.1707



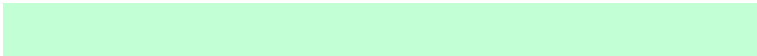
71.4045, 83.5244, 19.8134

Sweetspot

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



71.4045, -55.1579, 33.8439



93.6689, -30.7229, 17.5691



76.0134, -37.3876, 44.4017



42.9691, -15.7518, 8.9327

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

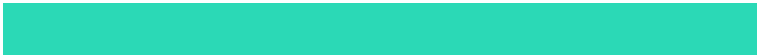
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.4045, -55.1579, 33.8439



84.9929, -69.9430, 45.1863



73.1623, -44.4110, 8.3507



38.3030, -6.2193, 4.0253



55.0419, -45.5421, 29.5148



14.0636, -11.2560, 6.7201

Inverse Universe

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



43.7729, 70.9406, -19.3594



49.7940, 90.7840, -19.4185



41.2644, 61.2307, 16.1958



36.3370, 2.4159, 0.0459



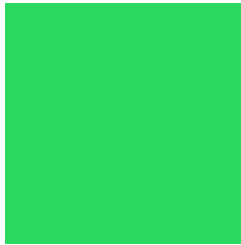
32.0938, 59.2310, -12.3570



8.2605, 15.4035, -4.4068

Previews

White Background



This preview shows how the HunterLab color 71.4030, -55.1570, 33.8435 looks on a white background.

Color Contrast Check

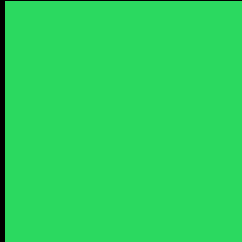
Large Text (above 18pt) WCAG AA × Fail

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 71.4030, -55.1570, 33.8435 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 71.4030, -55.1570, 33.8435 Background



This preview shows how black text looks on a background with the HunterLab color 71.4030, -55.1570, 33.8435.



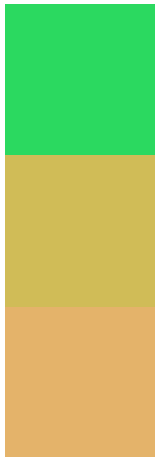
This preview shows how white text looks on a background with the HunterLab color 71.4030,

-55.1570, 33.8435.

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

71.4030, -55.1570, 33.8435

Protanopia

70.7562, -8.4937, 35.8953

Deuteranopia




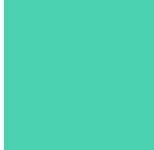
70.5512, 4.8520, 32.0991






Tritanopia

71.1900, -26.7314, -12.9928

Trichromacy

	Original Color 71.4030, -55.1570, 33.8435
	Protanomaly 69.1960, -32.1433, 33.7875
	Deuteranomaly 68.3201, -25.0686, 30.7507
	Tritanomaly 70.8463, -39.7276, 9.0178

Monochromacy

	Original Color 71.4030, -55.1570, 33.8435
	Achromatopsia 55.6299, -2.9683, 3.0225
	Achromatomaly 59.7858, -26.6731, 15.0781

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.4030, -55.1570, 33.8435 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(43, 217, 96)` looks like.

```
.text, #text, p{  
    color:rgb(43, 217, 96)  
}
```

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(43, 217, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 217, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 71.4030, -55.1570, 33.8435 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(43, 217, 96) }
```


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

```
.border{ border-color:rgb(43, 217, 96) }
```

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

Here you see how a box with a 4 pixel rgb(43, 217, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 217, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 217, 96);  
box-shadow:4px 4px 4px 4px rgb(43, 217,  
96) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.4030, -55.1570, 33.8435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 217, 96) }
```

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

```
.background{ background-color: rgb(43, 217,  
96) }
```

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