

Converting Colors

HunterLab(68.0166, -55.1555,
35.7495)

Have a look what the booklet for
HunterLab(68.0166, -55.1555,
35.7495) contains.

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Color

**HunterLab(68.0166,
-55.1555, 35.7495)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 19D147 |
| RGB | 25, 209, 71 |
| RGB Percent | 10%, 82%, 28% |
| CMY | 0.9020, 0.1804, 0.7216 |
| CMYK | 0.88, 0.00, 0.66, 0.18 |
| HSL | 135°, 79%, 46% |
| HSV | 135°, 88%, 82% |
| XYZ | 24.3387, 46.2626, 13.6080 |
| YIQ | 138.2520, -65.3660, -81.9260 |

Conversions

Conversions Part 2

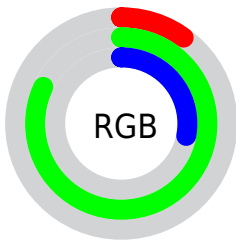
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 25, 172, 209 |
| Decimal | 1691975 |
| CIELab | 73.72, -69.20, 54.69 |
| CIELCh | 74, 88.198, 141.680 |
| Yxy | 46.2645, 0.2890, 0.5494 |
| Android (android.graphics.Color) | 4279882055 (0xFF19D147) |
| YUV | 138.2520, -33.1552, -99.3220 |
| Hunter-Lab | 68.0166, -55.1555, 35.7495 |

Details

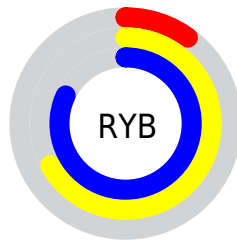
The HunterLab color **68.0166, -55.1555, 35.7495** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **41.1043, 72.4778, -23.3845**, and the grayscale version is **50.6617, -2.7032, 2.7525**.

A 20% lighter version of the original color is **87.3588, -59.1068, 39.6273**, and **47.7425, -40.8572, 28.5251** is the 20% darker color. If you saturate the color by 10%, you get **67.7556, -56.5300, 37.5619**, and if you desaturate by 10%, it is **68.4575, -52.9689, 33.5058**.

Distribution



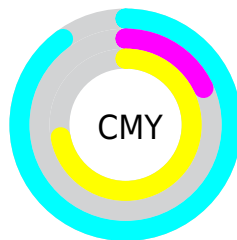
- Red (10%)
- Green (82%)
- Blue (28%)



- Red (10%)
- Yellow (67%)
- Blue (82%)



- Cyan (88%)
- Magenta (0%)
- Yellow (66%)
- Black (18%)



- Cyan (90%)
- Magenta (18%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.0166, -55.1555, 35.7495 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 68.0166, -55.1555, 35.7495 by changing the saturation by 10% instead.

■ 68.0166, -55.1555,
35.7495

■ 68.0166, -55.1555,
35.7495

192.8396,
-90.3763, 65.4628

■ 56.9689, -50.4654,
31.8503

■ 91.9862, -63.8829,
43.0551

■ 46.5929, -45.4867,
27.7449

■ 104.8445,
-67.9913, 46.5103

■ 36.9367, -40.1433,
23.3982

■ 118.2517,
-71.9648, 49.8597

■ 28.0587, -34.3252,
19.1322

■ 132.1862,
-75.8228, 53.1181

■ 20.0343, -27.8757,
14.0240

■ 146.6287,
-79.5811, 56.2981

■ 12.9663, -22.6911,
9.0764

161.5619,

■ 6.4146, -11.2256,

-83.2526, 59.4100

4.4902

176.9703,
-86.8480, 62.4624

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.0166, -55.1555,
35.7495

■ 68.0166, -55.1555,
35.7495

■ 67.7556, -56.5300,
37.5619

■ 68.4575, -52.9689,
33.5058

■ 67.7149, -56.7463,
37.8613


■ 69.1053, -49.8536,
30.8454


■ 69.9798, -45.7650,
27.7908


■ 71.0928, -40.6975,
24.3747


■ 72.4511, -34.6788,

20.6379

 74.0566, -27.7628,
16.6270

 75.9079, -20.0234,
12.3913

 78.0000, -11.5464,
7.9798

 80.3257, -2.4238,
3.4393

Harmonies

Analogous

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



68.0180, -30.4129, 43.0492



68.0166, -55.1555, 35.7495



68.0180, -65.4547, 13.6990

Triad

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



68.0180, -55.1564, 35.7498



68.0180, -14.6853, -120.4318



68.0180, 86.3882, 26.0154

Complementary

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



68.0166, -55.1555, 35.7495



41.1043, 72.4778, -23.3845

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.



68.0180, 93.4507, -8.0876



68.0166, -55.1555, 35.7495



68.0180, 28.0623, -109.6076

Square

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



68.0180, -55.1564, 35.7498



68.0180, -45.9937, -85.5176



68.0180, 70.0595, -61.2755



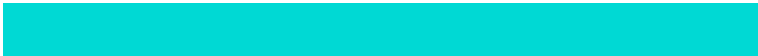
68.0180, 52.5748, 40.2005

Rectangle

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



68.0166, -55.1555, 35.7495



68.0180, -64.9713, -13.3259



68.0180, 70.0595, -61.2755



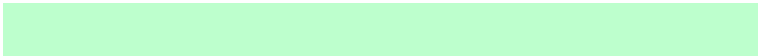
68.0180, 92.2453, 17.2204

Sweetspot

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



68.0180, -55.1564, 35.7498



93.1244, -33.1537, 19.9184



73.1163, -34.9836, 43.6956



42.7327, -16.8284, 10.0538

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.0180, -55.1564, 35.7498



84.7864, -71.1576, 47.6331



69.6089, -45.3639, 12.5834



36.4061, -5.9737, 4.0265



53.1826, -44.4782, 29.5421



12.6271, -10.1957, 6.2269

Inverse Universe

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



41.1043, 72.4778, -23.3845



50.0325, 93.2220, -26.1178



38.3486, 62.1995, 15.5020



34.5781, 2.3604, -0.1774



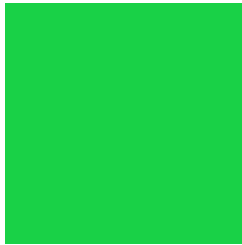
31.4164, 58.6146, -17.0092



7.5110, 14.1519, -5.1399

Previews

White Background



This preview shows how the HunterLab color 68.0166, -55.1555, 35.7495 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 68.0166, -55.1555, 35.7495 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 68.0166, -55.1555, 35.7495 Background



This preview shows how black text looks on a background with the HunterLab color 68.0166, -55.1555, 35.7495.



This preview shows how white text looks on a background with the HunterLab color 68.0166, -55.1555, 35.7495.

-55.1555, 35.7495.

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

68.0166, -55.1555, 35.7495

Protanopia

67.3935, -8.5351, 37.2410

Deuteranopia

67.2904, 4.9243, 34.3396



Tritanopia

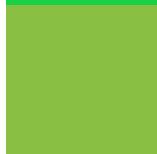
67.6458, -25.4873, -12.7787

Trichromacy



Original Color

68.0166, -55.1555, 35.7495



Protanomaly

65.5540, -33.2199, 35.1508



Deuteranomaly

64.6115, -26.4939, 32.5616



Tritanomaly

67.0348, -39.7867, 11.1947

Monochromacy



Original Color

68.0166, -55.1555, 35.7495



Achromatopsia

50.4135, -2.6899, 2.7391



Achromatomaly

55.0520, -27.4646, 16.2969

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.0166, -55.1555, 35.7495 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(25, 209, 71)` looks like.

```
.text, #text, p{  
    color:rgb(25, 209, 71)  
}
```

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(25, 209, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 209, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 68.0166, -55.1555, 35.7495 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(25, 209, 71) }
```


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

```
.border{ border-color:rgb(25, 209, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 209, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 209, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 209, 71);  
box-shadow:4px 4px 4px 4px rgb(25, 209,  
71) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.0166, -55.1555, 35.7495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 209, 71) }
```

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

```
.background{ background-color: rgb(25, 209,  
71) }
```

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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