

Converting Colors

HunterLab(71.2180, -55.5843,
30.9770)

Have a look what the booklet for
HunterLab(71.2180, -55.5843,
30.9770) contains.

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Color

**HunterLab(71.2249,
-55.5411, 30.8724)**

Conversions

Conversions Part 1

Format	Color
Hex	00D96D
RGB	0, 217, 109
RGB Percent	0%, 85%, 43%
CMY	1.0000, 0.1490, 0.5725
CMYK	1.00, 0.00, 0.50, 0.15
HSL	150°, 100%, 43%
HSV	150°, 100%, 85%
XYZ	27.5732, 50.7299, 22.8067
YIQ	139.8050, -94.6640, -79.5920

Conversions

Conversions Part 2

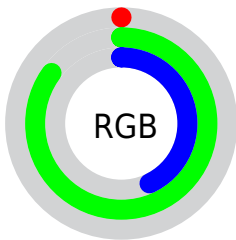
Format	Color
RYB	0, 144, 217
Decimal	55661
CIELab	76.52, -67.78, 40.73
CIELCh	77, 79.076, 148.996
Yxy	50.7319, 0.2727, 0.5017
Android (android.graphics.Color)	4278245741 (0xFF00D96D)
YUV	139.8050, -15.1869, -122.6090
Hunter-Lab	71.2249, -55.5411, 30.8724

Details

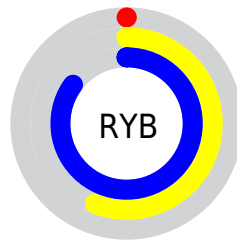
The HunterLab color **71.2249, -55.5411, 30.8724** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **39.7939, 70.8679, 4.6180**, and the grayscale version is **51.2209, -2.7330, 2.7829**.

A 20% lighter version of the original color is **87.8248, -55.9174, 30.0619**, and **50.4451, -41.0947, 25.6598** is the 20% darker color. If you saturate the color by 10%, you get **71.2262, -55.5427, 30.8741**, and if you desaturate by 10%, it is **71.5166, -53.9787, 28.4435**.

Distribution



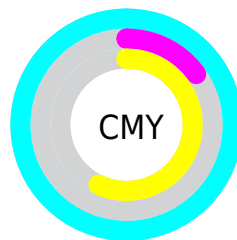
- Red (0%)
- Green (85%)
- Blue (43%)



- Red (0%)
- Yellow (56%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (15%)





- Cyan (100%)
- Magenta (15%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 71.2249, -55.5411, 30.8724 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 71.2249, -55.5411, 30.8724 by changing the saturation by 10% instead.


 71.2249, -55.5411,
30.8724


 71.2249, -55.5411,
30.8724


197.3629,
-89.8443, 54.0912


 59.9961, -51.0114,
27.9172


 95.5293, -63.9998,
36.4607


 49.4273, -46.2177,
24.8199


 108.5435,
-67.9930, 39.1302

 39.5643, -41.0922,
21.5456


 122.1004,
-71.8610, 41.7349

 30.4617, -35.5376,
18.0489

 136.1789,
-75.6216, 44.2853

 22.1895, -29.4114,
14.6013

 150.7605,
-79.2893, 46.7897

 14.8411, -24.9700,
10.3888

165.8283,

 8.4935, -14.8637,

-82.8760, 49.2552

5.9455

181.3670,
-86.3915, 51.6874

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.2249, -55.5411,
30.8724

■ 71.2249, -55.5411,
30.8724

■ 71.2262, -55.5427,
30.8741

■ 71.5166, -53.9787,
28.4435


■ 71.9571, -51.7598,
25.8563


■ 72.5882, -48.7342,
23.1632


■ 73.4293, -44.8506,
20.4045


■ 74.4934, -40.0936,

17.6196

 75.7885, -34.4778,
14.8468

 77.3182, -28.0419,
12.1217

 79.0828, -20.8426,
9.4758

 81.0791, -12.9497,
6.9362

Harmonies

Analogous

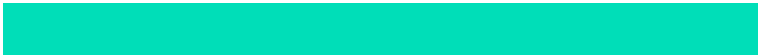
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.2263, -35.4091, 41.5035



71.2249, -55.5411, 30.8724



71.2263, -62.3720, 5.0652

Triad

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



71.2263, -55.5419, 30.8728



71.2263, -5.0599, -103.9877



71.2263, 70.6087, 29.6983

Complementary

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



71.2249, -55.5411, 30.8724



39.7939, 70.8679, 4.6180

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.



71.2263, 83.2650, 2.6680



71.2249, -55.5411, 30.8724



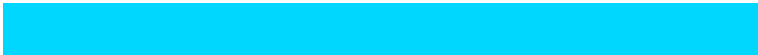
71.2263, 34.4999, -85.6199

Square

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



71.2263, -55.5419, 30.8728



71.2263, -37.1803, -83.1715



71.2263, 68.8789, -41.1088



71.2263, 37.1363, 41.1131

Rectangle

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



71.2249, -55.5411, 30.8724



71.2263, -59.8289, -22.1670



71.2263, 68.8789, -41.1088



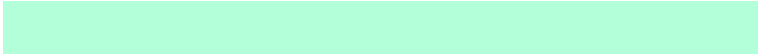
71.2263, 77.7100, 22.7375

Sweetspot

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



71.2263, -55.5419, 30.8728



92.7632, -33.8923, 14.6421



72.6965, -50.9531, 43.9029



42.5406, -17.2497, 7.4141

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.2263, -55.5419, 30.8728



85.4872, -66.7878, 37.3242



73.9173, -39.1871, -7.7958



38.3599, -5.9019, 3.2119



55.4351, -43.0940, 23.7386



14.1713, -10.5880, 5.1435

Inverse Universe

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



39.7939, 70.8679, 4.6180



47.7391, 84.9598, 6.0018



38.4091, 65.7750, 24.8185



36.2754, 2.0858, 0.9214



30.9947, 55.2629, 3.1016



7.9985, 14.4634, -0.7668

Previews

White Background



This preview shows how the HunterLab color 71.2249, -55.5411, 30.8724 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 71.2249, -55.5411, 30.8724 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 71.2249, -55.5411, 30.8724 Background



This preview shows how black text looks on a background with the HunterLab color 71.2249, -55.5411, 30.8724.



This preview shows how white text looks on a background with the HunterLab color 71.2249, -55.5411, 30.8724.

-55.5411, 30.8724.

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

71.2249, -55.5411, 30.8724

Protanopia

70.4012, -7.8991, 33.3013

Deuteranopia

70.5272, 5.1843, 28.8773



Tritanopia

71.2195, -28.2660, -13.5581

Trichromacy



Original Color

71.2249, -55.5411, 30.8724



Protanomaly

67.9652, -34.8901, 30.0750



Deuteranomaly

67.3105, -28.5146, 26.6902



Tritanomaly

70.4650, -40.9681, 6.3708

Monochromacy



Original Color

71.2249, -55.5411, 30.8724



Achromatopsia

51.2104, -2.7325, 2.7824



Achromatomaly

56.3153, -28.5502, 12.3354

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.2249, -55.5411, 30.8724 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, 217, 109)` looks like.

```
.text, #text, p{  
    color:rgb(0, 217, 109)  
}
```

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, 217, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 217, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 71.2249, -55.5411, 30.8724 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, 217, 109) }
```


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

```
.border{ border-color:rgb(0, 217, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 217, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 217, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 217, 109);  
box-shadow:4px 4px 4px 4px rgb(0, 217,  
109) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.2249, -55.5411, 30.8724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 217, 109) }
```

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

```
.background{ background-color: rgb(0, 217,  
109) }
```

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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