

Converting Colors

HunterLab(71.2711, -55.2423,
30.1697)

Have a look what the booklet for
HunterLab(71.2711, -55.2423,
30.1697) contains.

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Color

**HunterLab(71.2710,
-55.2550, 30.1972)**

Conversions

Conversions Part 1

Format	Color
Hex	00D970
RGB	0, 217, 112
RGB Percent	0%, 85%, 44%
CMY	0.9999, 0.1490, 0.5608
CMYK	1.00, 0.00, 0.48, 0.15
HSL	151°, 100%, 43%
HSV	151°, 100%, 85%
XYZ	27.7375, 50.7956, 23.6719
YIQ	140.1470, -95.6270, -78.6590

Conversions

Conversions Part 2

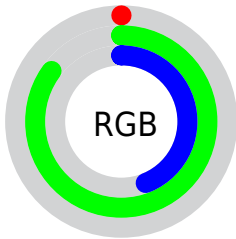
Format	Color
RYB	0, 143, 217
Decimal	55664
CIELab	76.56, -67.29, 39.32
CIELCh	77, 77.939, 149.704
Yxy	50.7976, 0.2714, 0.4970
Android (android.graphics.Color)	4278245744 (0xFF00D970)
YUV	140.1470, -13.8765, -122.9089
Hunter-Lab	71.2710, -55.2550, 30.1972

Details

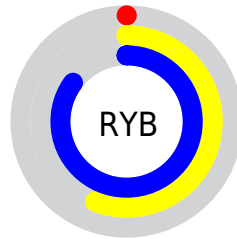
The HunterLab color **71.2710, -55.2550, 30.1972** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **39.7150, 70.5800, 5.7501**, and the grayscale version is **51.3527, -2.7401, 2.7901**.

A 20% lighter version of the original color is **87.8862, -55.5450, 29.1679**, and **50.4763, -40.9005, 25.2014** is the 20% darker color. If you saturate the color by 10%, you get **71.2723, -55.2566, 30.1991**, and if you desaturate by 10%, it is **71.5630, -53.6921, 27.7662**.

Distribution



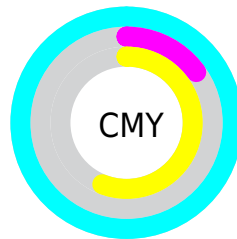
- Red (0%)
- Green (85%)
- Blue (44%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (48%)
- Black (15%)





- Cyan (100%)
- Magenta (15%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 71.2710, -55.2550, 30.1972 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 71.2710, -55.2550, 30.1972 by changing the saturation by 10% instead.


 71.2710, -55.2550,
30.1972

 71.2710, -55.2550,
30.1972


197.4277,
-89.3414, 52.7916


 60.0396, -50.7571,
27.3322


 95.5801, -63.6563,
35.6215


 49.4681, -45.9979,
24.3316


 108.5966,
-67.6234, 38.2156

 39.6022, -40.9102,
21.1613


 122.1556,
-71.4666, 40.7489

 30.4965, -35.3974,
17.7759

 136.2362,
-75.2036, 43.2312

 22.2207, -29.3181,
14.3478

 150.8197,
-78.8488, 45.6705

 14.8684, -24.8273,
10.4079

165.8894,

 8.5195, -14.9091,

-82.4138, 48.0735

5.9636

181.4300,
-85.9086, 50.4457

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.2710, -55.2550,
30.1972

■ 71.2710, -55.2550,
30.1972

■ 71.2723, -55.2566,
30.1991

■ 71.5630, -53.6921,
27.7662


■ 72.0026, -51.4799,
25.1927


■ 72.6318, -48.4683,
22.5297


■ 73.4699, -44.6058,
19.8174


■ 74.5298, -39.8769,

17.0953

 75.8195, -34.2955,
14.4008

 77.3429, -27.8992,
11.7684

 79.1001, -20.7442,
9.2287

 81.0882, -12.8989,
6.8073

Harmonies

Analogous

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



71.2724, -35.6336, 41.1081



71.2710, -55.2550, 30.1972



71.2724, -61.7316, 4.2273

Triad

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



71.2724, -55.2557, 30.1976



71.2724, -4.1728, -101.8202



71.2724, 68.7863, 29.8527

Complementary

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



71.2710, -55.2550, 30.1972



39.7150, 70.5800, 5.7501

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.



71.2724, 81.8073, 3.5301



71.2710, -55.2550, 30.1972



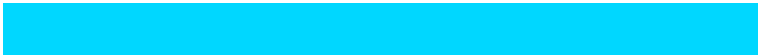
71.2724, 34.8190, -83.0317

Square

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



71.2724, -55.2557, 30.1976



71.2724, -36.1504, -82.3259



71.2724, 68.2853, -39.1972



71.2724, 35.5837, 40.9920

Rectangle

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



71.2710, -55.2550, 30.1972



71.2724, -59.0073, -22.7983



71.2724, 68.2853, -39.1972



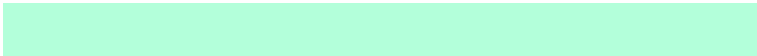
71.2724, 75.9361, 23.0718

Sweetspot

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



71.2724, -55.2557, 30.1976



92.7929, -33.7201, 14.2148



72.6965, -50.9530, 43.9029



42.5559, -17.1603, 7.1937

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

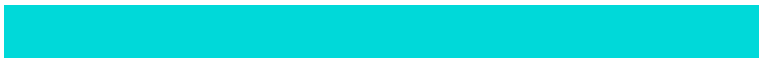
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.2724, -55.2557, 30.1976



85.5425, -66.4450, 36.5150



73.9173, -39.1871, -7.7958



38.3639, -5.8794, 3.1544



55.4710, -42.8711, 23.2123



14.1804, -10.5318, 5.0109

Inverse Universe

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



39.7150, 70.5800, 5.7501



47.6445, 84.6148, 7.3593



38.4091, 65.7749, 24.8184



36.2712, 2.0630, 0.9819



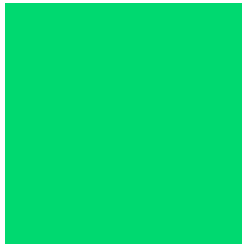
30.9331, 55.0384, 3.9842



7.9829, 14.4068, -0.5459

Previews

White Background



This preview shows how the HunterLab color 71.2710, -55.2550, 30.1972 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 71.2710, -55.2550, 30.1972 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 71.2710, -55.2550, 30.1972 Background



This preview shows how black text looks on a background with the HunterLab color 71.2710, -55.2550, 30.1972.



This preview shows how white text looks on a background with the HunterLab color 71.2710, -55.2550, 30.1972.

-55.2550, 30.1972.

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

71.2710, -55.2550, 30.1972

Protanopia

70.4287, -7.7468, 32.8975

Deuteranopia

70.4473, 4.9853, 28.2723



Tritanopia

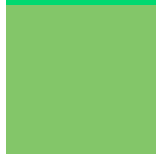
71.1877, -28.3872, -13.6051

Trichromacy



Original Color

71.2710, -55.2550, 30.1972



Protanomaly

67.9951, -34.7126, 29.6370



Deuteranomaly

67.2960, -28.4660, 25.8687



Tritanomaly

70.4750, -40.8700, 5.9329

Monochromacy



Original Color

71.2710, -55.2550, 30.1972



Achromatopsia

51.2104, -2.7325, 2.7824



Achromatomaly

56.3390, -28.4095, 11.9932

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.2710, -55.2550, 30.1972 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, 112)` looks like.

```
.text, #text, p{  
    color:rgb(0, 217, 112)  
}
```

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, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 217, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 71.2710, -55.2550, 30.1972 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, 112) }
```


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

```
.border{ border-color:rgb(0, 217, 112) }
```

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, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 217, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 217, 112);  
box-shadow:4px 4px 4px 4px rgb(0, 217,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.2710, -55.2550, 30.1972 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, 112) }
```

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

```
.background{ background-color: rgb(0, 217,  
112) }
```

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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