

Converting Colors

HunterLab(71.1649, -45.6935,
9.6892)

Have a look what the booklet for
HunterLab(71.1649, -45.6935,
9.6892) contains.

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Color

**HunterLab(71.1649,
-45.6935, 9.6892)**

Conversions

Conversions Part 1

Format	Color
Hex	00D5AE
RGB	0, 213, 174
RGB Percent	0%, 84%, 68%
CMY	0.9999, 0.1647, 0.3176
CMYK	1.00, 0.00, 0.18, 0.16
HSL	169°, 100%, 42%
HSV	169°, 100%, 84%
XYZ	31.4342, 50.6444, 48.1629
YIQ	144.8670, -114.4290, -57.2850

Conversions

Conversions Part 2

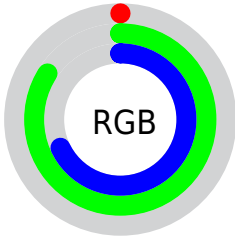
Format	Color
RYB	0, 117, 213
Decimal	54702
CIELab	76.46, -52.77, 7.03
CIELCh	76, 53.241, 172.409
Yxy	50.6464, 0.2414, 0.3889
Android (android.graphics.Color)	4278244782 (0xFF00D5AE)
YUV	144.8670, 14.3626, -127.0484
Hunter-Lab	71.1649, -45.6935, 9.6892

Details

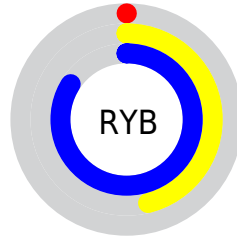
The HunterLab color **71.1649, -45.6935, 9.6892** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **37.8074, 65.1297, 21.4223**, and the grayscale version is **53.1401, -2.8354, 2.8872**.

A 20% lighter version of the original color is **89.5435, -45.6094, 5.2945**, and **50.5164, -33.3877, 8.9333** is the 20% darker color. If you saturate the color by 10%, you get **71.1660, -45.6954, 9.6921**, and if you desaturate by 10%, it is **71.3888, -44.5741, 8.2706**.

Distribution



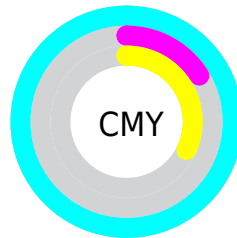
- Red (0%)
- Green (84%)
- Blue (68%)



- Red (0%)
- Yellow (46%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (16%)



- Cyan (100%)
- Magenta (16%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.1649, -45.6935, 9.6892 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 71.1649, -45.6935, 9.6892 by changing the saturation by 10% instead.

■ 71.1649, -45.6935,
9.6892

■ 71.1649, -45.6935,
9.6892

197.2786,
-73.4942, 19.0905

■ 59.9394, -42.1049,
8.7256

■ 95.4630, -52.4461,
11.6619

■ 49.3741, -38.3276,
7.7731

■ 108.4744,
-55.6578, 12.6717

■ 39.5149, -34.3104,
6.8293

■ 122.0285,
-58.7831, 13.6983

■ 30.4165, -29.9780,
5.8889

■ 136.1044,
-61.8352, 14.7420

■ 22.1487, -25.2158,
4.9431

■ 150.6834,
-64.8244, 15.8030

■ 14.8055, -20.5553,
3.9751

165.7486,

■ 8.4595, -14.8042,

-67.7594, 16.8814

3.9067

181.2850,
-70.6473, 17.9772

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.1649, -45.6935,
9.6892

■ 71.1649, -45.6935,
9.6892

■ 71.1660, -45.6954,
9.6921

■ 71.3888, -44.5741,
8.2706

■ 71.7392, -42.9381,
6.9657

■ 72.2568, -40.6378,
5.8303

■ 72.9608, -37.6160,
4.8961

■ 73.8647, -33.8454,

4.1879

■ 74.9775, -29.3237,
3.7232

■ 76.3045, -24.0702,
3.5132

■ 77.8476, -18.1210,
3.5628

■ 79.6058, -11.5254,
3.8713

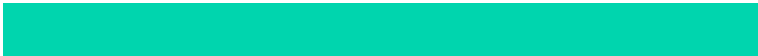
Harmonies

Analogous

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



71.1663, -38.2275, 26.6209



71.1649, -45.6935, 9.6892



71.1663, -43.2376, -16.0025

Triad

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



71.1663, -45.6939, 9.6899



71.1663, 15.6005, -53.1707



71.1663, 28.1870, 31.5466

Complementary

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



71.1649, -45.6935, 9.6892



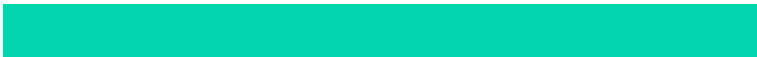
37.8074, 65.1297, 21.4223

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.



71.1663, 46.6846, 19.2819



71.1649, -45.6935, 9.6892



71.1663, 38.7424, -30.3142

Square

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



71.1663, -45.6939, 9.6899



71.1663, -10.0809, -58.5236



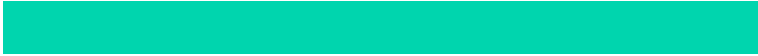
71.1663, 50.7940, -2.4789



71.1663, 2.7043, 36.0628

Rectangle

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



71.1649, -45.6935, 9.6892



71.1663, -36.1200, -34.6867



71.1663, 50.7940, -2.4789



71.1663, 35.5656, 28.4501

Sweetspot

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



71.1663, -45.6939, 9.6899



93.4850, -29.7295, 4.3102



69.2986, -57.8180, 41.6885



42.9166, -15.0675, 2.0289

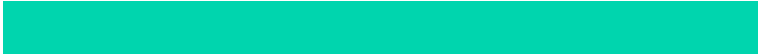
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.1663, -45.6939, 9.6899



87.2290, -56.0997, 12.0745



50.2270, -8.9213, -43.5187



37.5060, -5.2406, 1.8333



55.6325, -35.6371, 7.3946



13.7008, -8.5224, 1.2727

Inverse Universe

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



37.8074, 65.1297, 21.4223



46.3280, 79.7758, 26.5426



42.6819, 48.5827, 27.1496



35.2953, 1.5268, 2.2182



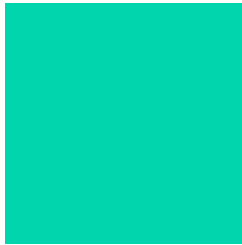
29.5661, 50.9726, 16.4712



7.3388, 12.8051, 2.9046

Previews

White Background



This preview shows how the HunterLab color 71.1649, -45.6935, 9.6892 looks on a white background.

Color Contrast Check

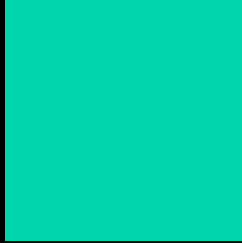
Large Text (above 18pt) WCAG AA × Fail

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 71.1649, -45.6935, 9.6892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

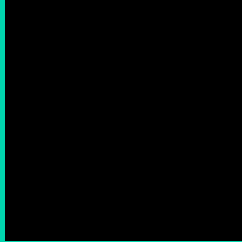
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

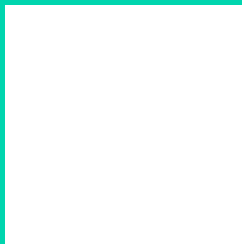
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 71.1649, -45.6935, 9.6892 Background



This preview shows how black text looks on a background with the HunterLab color 71.1649, -45.6935, 9.6892.



This preview shows how white text looks on a background with the HunterLab color 71.1649,

-45.6935, 9.6892.

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

71.1649, -45.6935, 9.6892

Protanopia

70.6746, -4.6174, 15.5682

Deuteranopia

70.4623, 4.8656, 6.7191



Tritanopia

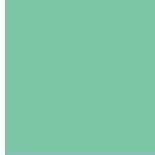
71.0824, -30.3748, -14.9615

Trichromacy



Original Color

71.1649, -45.6935, 9.6892



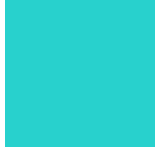
Protanomaly

68.2323, -27.8733, 10.6244



Deuteranomaly

68.0146, -22.9145, 4.7925



Tritanomaly

71.0351, -37.1283, -5.0864

Monochromacy



Original Color

71.1649, -45.6935, 9.6892



Achromatopsia

53.2117, -2.8392, 2.8911



Achromatomaly

57.8144, -24.6397, 2.9384

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.1649, -45.6935, 9.6892 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, 213, 174)` looks like.

```
.text, #text, p{  
    color:rgb(0, 213, 174)  
}
```

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, 213, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 213, 174) }
```

Border

The CSS property to change the border of an element to HunterLab 71.1649, -45.6935, 9.6892 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, 213, 174) }
```


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

```
.border{ border-color:rgb(0, 213, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 213, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 213, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 213, 174);  
box-shadow:4px 4px 4px 4px rgb(0, 213,  
174) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.1649, -45.6935, 9.6892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 213, 174) }
```

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

```
.background{ background-color: rgb(0, 213,  
174) }
```

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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