

Converting Colors

HunterLab(67.2044, -66.6351,
5.7624)

Have a look what the booklet for
HunterLab(67.2044, -66.6351,
5.7624) contains.

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Color

**HunterLab(71.8188,
-46.7787, 11.2145)**

Conversions

Conversions Part 1

Format	Color
Hex	00D7AC
RGB	0, 215, 172
RGB Percent	0%, 84%, 67%
CMY	0.9999, 0.1568, 0.3255
CMYK	1.00, 0.00, 0.20, 0.16
HSL	168°, 100%, 42%
HSV	168°, 100%, 84%
XYZ	31.7468, 51.5794, 47.3123
YIQ	145.8130, -114.3370, -58.9530

Conversions

Conversions Part 2

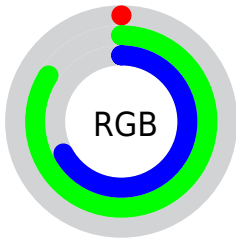
Format	Color
RYB	0, 119, 215
Decimal	55212
CIELab	77.03, -54.07, 8.91
CIELCh	77, 54.799, 170.642
Yxy	51.5814, 0.2430, 0.3948
Android (android.graphics.Color)	4278245292 (0xFF00D7AC)
YUV	145.8130, 12.9102, -127.8780
Hunter-Lab	71.8188, -46.7787, 11.2145

Details

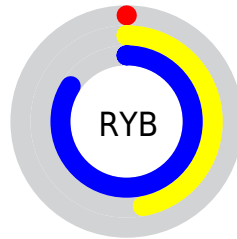
The HunterLab color **71.8188, -46.7787, 11.2145** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **38.2399, 65.9392, 21.1692**, and the grayscale version is **53.5256, -2.8560, 2.9081**.

A 20% lighter version of the original color is **89.5155, -45.8437, 6.2219**, and **51.1394, -34.3854, 10.3085** is the 20% darker color. If you saturate the color by 10%, you get **71.8199, -46.7807, 11.2174**, and if you desaturate by 10%, it is **72.0517, -45.6041, 9.6710**.

Distribution



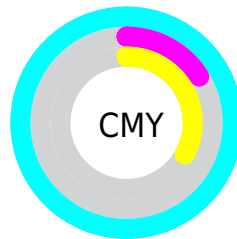
- Red (0%)
- Green (84%)
- Blue (67%)



- Red (0%)
- Yellow (47%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (16%)





- Cyan (100%)
- Magenta (16%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 71.8188, -46.7787, 11.2145 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 71.8188, -46.7787, 11.2145 by changing the saturation by 10% instead.


 71.8188, -46.7787,
11.2145


 71.8188, -46.7787,
11.2145


198.1965,
-75.0935, 21.3238


 60.5570, -43.1197,
10.1514


 96.1840, -53.6620,
13.3694


 49.9532, -39.2682,
9.0924


 109.2267,
-56.9347, 14.4636


 40.0528, -35.1724,
8.0333


 122.8108,
-60.1187, 15.5709

 30.9096, -30.7566,
6.9664

 136.9156,
-63.2271, 16.6919

 22.5927, -25.9064,
5.8791

 151.5226,
-66.2707, 17.8274

 15.1940, -21.0446,
4.7485

166.6149,

 8.8218, -15.4382,

-69.2583, 18.9777

4.6671

182.1774,
-72.1972, 20.1431

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.8188, -46.7787,
11.2145

■ 71.8188, -46.7787,
11.2145

■ 71.8199, -46.7807,
11.2174

■ 72.0517, -45.6041,
9.6710

■ 72.4132, -43.9018,
8.2331

■ 72.9446, -41.5234,
6.9573

■ 73.6652, -38.4113,
5.8766

■ 74.5884, -34.5386,

5.0168

■ 75.7235, -29.9041,
4.3971

■ 77.0757, -24.5281,
4.0300

■ 78.6467, -18.4481,
3.9219

■ 80.4356, -11.7148,
4.0732

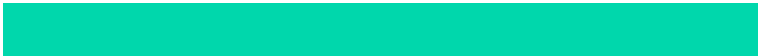
Harmonies

Analogous

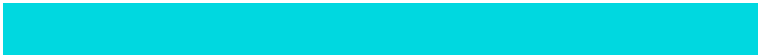
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.8202, -38.5240, 27.9879



71.8188, -46.7787, 11.2145



71.8202, -44.8609, -14.9419

Triad

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



71.8202, -46.7791, 11.2152



71.8202, 14.6367, -56.2945



71.8202, 30.6690, 31.8013

Complementary

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



71.8188, -46.7787, 11.2145



38.2399, 65.9392, 21.1692

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.



71.8202, 49.1459, 18.7252



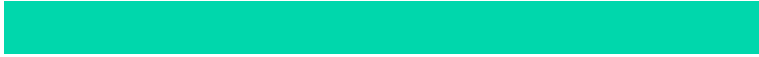
71.8188, -46.7787, 11.2145



71.8202, 39.0147, -33.2280

Square

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



71.8202, -46.7791, 11.2152



71.8202, -11.7798, -60.5621



71.8202, 52.3999, -4.2550



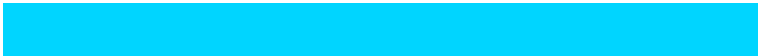
71.8202, 4.4688, 36.7681

Rectangle

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



71.8188, -46.7787, 11.2145



71.8202, -37.9472, -34.4413



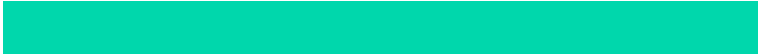
71.8202, 52.3999, -4.2550



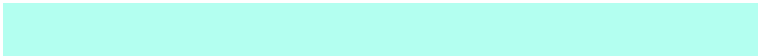
71.8202, 38.1367, 28.4847

Sweetspot

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



71.8202, -46.7791, 11.2152



93.4439, -29.9661, 4.8976



70.1411, -57.9653, 42.2051



42.8950, -15.1926, 2.3378

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.8202, -46.7791, 11.2152



87.1087, -56.8301, 13.8017



52.9614, -12.3401, -39.5563



37.5011, -5.2682, 1.9041



55.5572, -36.0943, 8.4756



13.6849, -8.6187, 1.5004

Inverse Universe

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



38.2399, 65.9392, 21.1692



46.3671, 79.9207, 25.9642



42.1648, 51.9052, 26.8892



35.3002, 1.5530, 2.1487



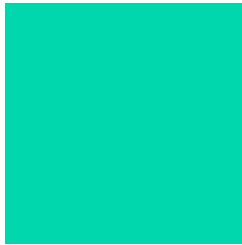
29.5932, 51.0730, 16.0706



7.3498, 12.8453, 2.7450

Previews

White Background



This preview shows how the HunterLab color 71.8188, -46.7787, 11.2145 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 71.8188, -46.7787, 11.2145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

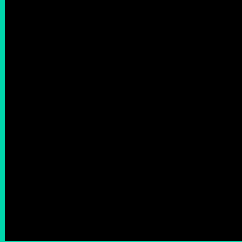
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

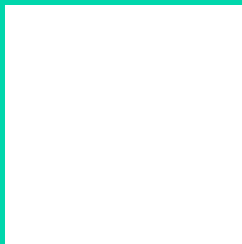
Any Text WCAG AAA ✓ Pass

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

HunterLab 71.8188, -46.7787, 11.2145 Background



This preview shows how black text looks on a background with the HunterLab color 71.8188, -46.7787, 11.2145.



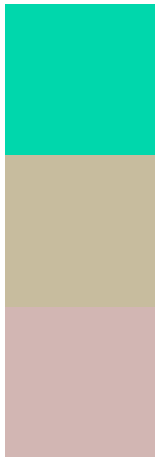
This preview shows how white text looks on a background with the HunterLab color 71.8188, -46.7787, 11.2145.

-46.7787, 11.2145.

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

71.8188, -46.7787, 11.2145

Protanopia

71.1176, -4.7124, 16.7719

Deuteranopia

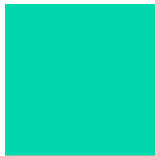
71.0016, 5.0764, 8.2265



Tritanopia

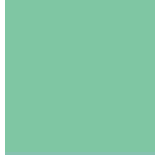
71.8831, -30.6233, -14.9968

Trichromacy



Original Color

71.8188, -46.7787, 11.2145



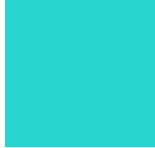
Protanomaly

68.9525, -28.6184, 12.1926



Deuteranomaly

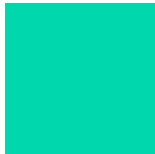
68.4007, -23.2500, 6.1377



Tritanomaly

71.7748, -37.6941, -4.6681

Monochromacy



Original Color

71.8188, -46.7787, 11.2145



Achromatopsia

53.6135, -2.8607, 2.9129



Achromatomaly

58.1546, -25.0553, 3.7801

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.8188, -46.7787, 11.2145 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, 215, 172)` looks like.

```
.text, #text, p{  
    color:rgb(0, 215, 172)  
}
```

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, 215, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 215, 172) }
```

Border

The CSS property to change the border of an element to HunterLab 71.8188, -46.7787, 11.2145 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, 215, 172) }
```


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

```
.border{ border-color:rgb(0, 215, 172) }
```

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

Here you see how a box with a 4 pixel rgb(0, 215, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 215, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 215, 172);  
box-shadow:4px 4px 4px 4px rgb(0, 215,  
172) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.8188, -46.7787, 11.2145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 215, 172) }
```

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

```
.background{ background-color: rgb(0, 215,  
172) }
```

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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