

# Converting Colors

HunterLab(70.9778, -46.8304,  
12.3773)

Have a look what the booklet for  
HunterLab(70.9778, -46.8304,  
12.3773) contains.

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# Color

**HunterLab(70.9778,  
-46.8304, 12.3773)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D5A7
RGB	0, 213, 167
RGB Percent	0%, 84%, 65%
CMY	0.9999, 0.1647, 0.3451
CMYK	1.00, 0.00, 0.22, 0.16
HSL	167°, 100%, 42%
HSV	167°, 100%, 84%
XYZ	30.7693, 50.3785, 44.6615
YIQ	144.0690, -112.1820, -59.4620

# Conversions

## Conversions Part 2

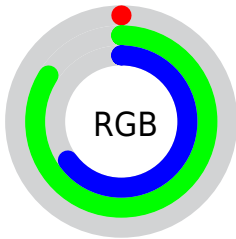
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 119, 213
Decimal	54695
CIELab	76.30, -54.53, 10.54
CIELCh	76, 55.540, 169.061
Yxy	50.3804, 0.2446, 0.4004
Android (android.graphics.Color)	4278244775 (0xFF00D5A7)
YUV	144.0690, 11.3050, -126.3485
Hunter-Lab	70.9778, -46.8304, 12.3773

# Details

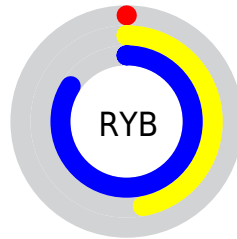
The HunterLab color **70.9778, -46.8304, 12.3773** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **37.8745, 65.3783, 20.4314**, and the grayscale version is **52.8309, -2.8189, 2.8704**.

A 20% lighter version of the original color is **89.3293, -46.8824, 8.3554**, and **50.3505, -34.3992, 11.3242** is the 20% darker color. If you saturate the color by 10%, you get **70.9789, -46.8324, 12.3802**, and if you desaturate by 10%, it is **71.2155, -45.6240, 10.7564**.

# Distribution



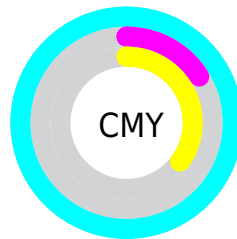
- Red (0%)
- Green (84%)
- Blue (65%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (16%)




- Cyan (100%)
- Magenta (16%)
- Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.9778, -46.8304, 12.3773 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 70.9778, -46.8304, 12.3773 by changing the saturation by 10% instead.





 70.9778, -46.8304,  
12.3773


 70.9778, -46.8304,  
12.3773


197.0157,  
-75.3943, 23.0944


 59.7627, -43.1303,  
11.2271


 95.2567, -53.7842,  
14.6904


 49.2085, -39.2320,  
10.0741


 108.2591,  
-57.0878, 15.8574


 39.3612, -35.0820,  
8.9123


 121.8046,  
-60.3003, 17.0339

 30.2756, -30.6018,  
7.7313

 135.8721,  
-63.4354, 18.2213

 22.0220, -25.6720,  
6.5142

 150.4431,  
-66.5040, 19.4204

 14.6947, -21.0492,  
5.2307

165.5006,

 8.3528, -14.6174,

-69.5153, 20.6320

5.6851

181.0294,  
-72.4766, 21.8565

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.9778, -46.8304,  
12.3773

■ 70.9778, -46.8304,  
12.3773

■ 70.9789, -46.8324,  
12.3802

■ 71.2155, -45.6240,  
10.7564

■ 71.5810, -43.8919,  
9.2305

■ 72.1152, -41.4868,  
7.8558

■ 72.8369, -38.3527,  
6.6655

■ 73.7597, -34.4636,

5.6858

■ 74.8923, -29.8194,  
4.9370

■ 76.2399, -24.4411,  
4.4326

■ 77.8041, -18.3668,  
4.1800

■ 79.5839, -11.6473,  
4.1811

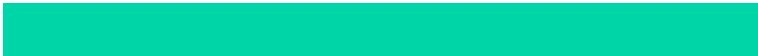
# Harmonies

## Analogous

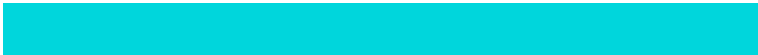
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.9792, -38.0122, 28.6588



70.9778, -46.8304, 12.3773



70.9792, -45.4459, -13.6575

# Triad

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



70.9792, -46.8308, 12.3780



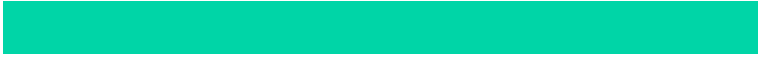
70.9792, 13.4413, -58.0839



70.9792, 32.3705, 31.3898

# Complementary

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



70.9778, -46.8304, 12.3773



37.8745, 65.3783, 20.4314

# 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.



70.9792, 50.4430, 17.8133



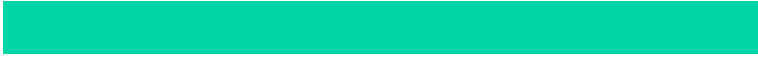
70.9778, -46.8304, 12.3773



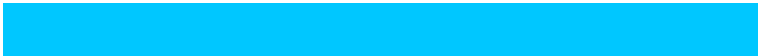
70.9792, 38.4652, -35.3096

# Square

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



70.9792, -46.8308, 12.3780



70.9792, -13.1102, -61.2243



70.9792, 52.8225, -5.8567



70.9792, 6.0351, 36.6704



# Rectangle

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



70.9778, -46.8304, 12.3773



70.9792, -38.8596, -33.5040



70.9792, 52.8225, -5.8567



70.9792, 39.7671, 27.9340

# Sweetspot

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



70.9792, -46.8308, 12.3780



93.4052, -30.1883, 5.4490



69.4083, -57.3516, 41.7643



42.8747, -15.3100, 2.6275

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



70.9792, -46.8308, 12.3780



86.9980, -57.5036, 15.3938



52.4175, -12.2267, -39.1214



37.4964, -5.2943, 1.9708



55.4878, -36.5161, 9.4730



13.6701, -8.7080, 1.7117



# Inverse Universe

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



37.8745, 65.3783, 20.4314



46.4075, 80.0703, 25.3674



41.7343, 51.3295, 26.6139



35.3048, 1.5778, 2.0829



29.6210, 51.1758, 15.6609

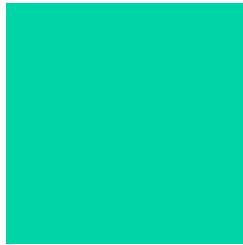


7.3601, 12.8832, 2.5948



# Previews

## White Background



This preview shows how the HunterLab color 70.9778, -46.8304, 12.3773 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

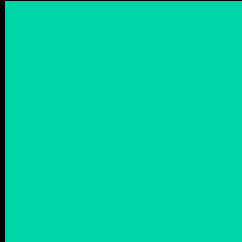
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 70.9778, -46.8304, 12.3773 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

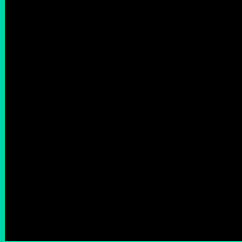
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

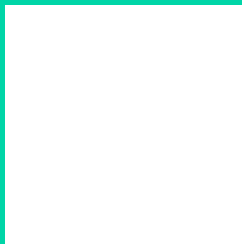
Any Text WCAG AAA ✓ Pass

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

## HunterLab 70.9778, -46.8304, 12.3773 Background



This preview shows how black text looks on a background with the HunterLab color 70.9778, -46.8304, 12.3773.



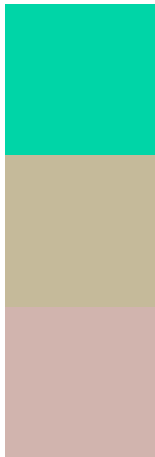
This preview shows how white text looks on a background with the HunterLab color 70.9778, -46.8304, 12.3773.

-46.8304, 12.3773.

# 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

70.9778, -46.8304, 12.3773

### Protanopia

70.2291, -4.9221, 17.3788

### Deuteranopia

70.1811, 5.0046, 9.5028



## Tritanopia

71.1160, -30.3212, -14.3248

# Trichromacy



## Original Color

70.9778, -46.8304, 12.3773



## Protanomaly

68.0757, -28.7877, 12.8763



## Deuteranomaly

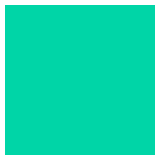
67.5471, -23.4089, 7.3941



## Tritanomaly

70.9630, -37.6154, -3.6171

# Monochromacy



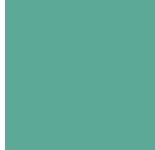
## Original Color

70.9778, -46.8304, 12.3773



## Achromatopsia

52.8104, -2.8178, 2.8693



## Achromatomaly

57.3744, -24.9006, 4.2204

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.9778, -46.8304, 12.3773 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(0, 213, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 213, 167) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.9778, -46.8304, 12.3773 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, 167) }
```



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

```
.border{ border-color:rgb(0, 213, 167) }
```

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, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 213, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 213, 167);  
box-shadow:4px 4px 4px 4px rgb(0, 213,  
167) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.9778, -46.8304, 12.3773 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, 167) }
```

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

```
.background{ background-color: rgb(0, 213,  
167) }
```

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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