

# Converting Colors

HunterLab(73.2544, -48.2596,  
12.8338)

Have a look what the booklet for  
HunterLab(73.2544, -48.2596,  
12.8338) contains.

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# Color

**HunterLab(73.2580,  
-48.2132, 12.7092)**

# Conversions

## Conversions Part 1

Format	Color
Hex	04DBAC
RGB	4, 219, 172
RGB Percent	2%, 86%, 67%
CMY	0.9842, 0.1412, 0.3255
CMYK	0.98, 0.00, 0.21, 0.14
HSL	167°, 96%, 44%
HSV	167°, 98%, 86%
XYZ	32.8279, 53.6673, 47.6584
YIQ	149.3570, -113.0530, -60.1970

# Conversions

## Conversions Part 2

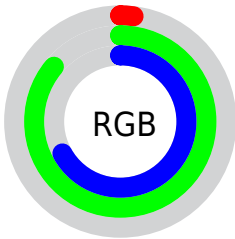
Format	Color
<b>RYB</b>	4, 125, 219
Decimal	318380
CIELab	78.27, -55.52, 10.68
CIELCh	78, 56.533, 169.113
Yxy	53.6694, 0.2447, 0.4000
Android (android.graphics.Color)	4278508460 (0xFF04DBAC)
YUV	149.3570, 11.1630, -127.4781
Hunter-Lab	73.2580, -48.2132, 12.7092

# Details

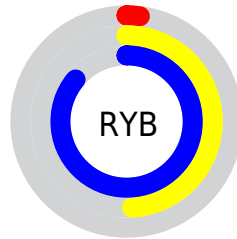
The HunterLab color **73.2580, -48.2132, 12.7092** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **39.2266, 67.2140, 20.6090**, and the grayscale version is **54.9593, -2.9325, 2.9860**.

A 20% lighter version of the original color is **89.5499, -45.7083, 6.2640**, and **52.4885, -35.7856, 11.6448** is the 20% darker color. If you saturate the color by 10%, you get **73.2187, -48.4262, 13.0214**, and if you desaturate by 10%, it is **73.5183, -46.9039, 11.0240**.

# Distribution



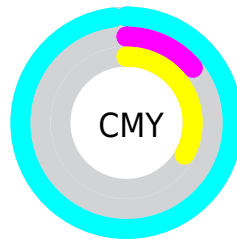
- Red (2%)
- Green (86%)
- Blue (67%)



- Red (2%)
- Yellow (49%)
- Blue (86%)



- Cyan (98%)
- Magenta (0%)
- Yellow (21%)
- Black (14%)




- Cyan (98%)
- Magenta (14%)
- Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.2580, -48.2132, 12.7092 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 73.2580, -48.2132, 12.7092 by changing the saturation by 10% instead.





 73.2580, -48.2132,  
12.7092


 73.2580, -48.2132,  
12.7092


200.2119,  
-77.0567, 23.4970


 61.9172, -44.4867,  
11.5514


 97.7695, -55.2261,  
15.0381


 51.2296, -40.5660,  
10.3913


 110.8805,  
-58.5607, 16.2131


 41.2393, -36.4000,  
9.2233


 124.5302,  
-61.8048, 17.3976

 31.9990, -31.9144,  
8.0377

 138.6982,  
-64.9717, 18.5930

 23.5753, -26.9979,  
6.8189

 153.3661,  
-68.0721, 19.7999

 16.0567, -21.7954,  
5.5395

168.5174,

 9.5693, -16.7463,

-71.1150, 21.0193

5.1485

184.1373,  
-74.1078, 22.2515

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.2580, -48.2132,  
12.7092

■ 73.2580, -48.2132,  
12.7092

■ 73.2187, -48.4262,  
13.0214

■ 73.5183, -46.9039,  
11.0240


■ 73.9250, -44.9945,  
9.4529


■ 74.5101, -42.3752,  
8.0430


■ 75.2924, -38.9938,  
6.8276


■ 76.2848, -34.8286,

5.8331

 77.4957, -29.8835,  
5.0793

 78.9297, -24.1840,  
4.5794

 80.5881, -17.7723,  
4.3403

 82.4692, -10.7034,  
4.3630

# Harmonies

## Analogous

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



73.2594, -39.1518, 29.4944



73.2580, -48.2132, 12.7092



73.2594, -46.7695, -14.0809

# Triad

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



73.2594, -48.2136, 12.7099



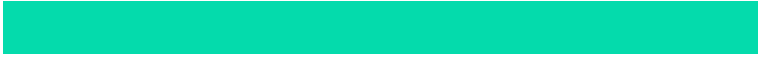
73.2594, 13.8588, -59.6457



73.2594, 33.2315, 32.3456

# Complementary

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



73.2580, -48.2132, 12.7092



39.2266, 67.2140, 20.6090

# 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.



73.2594, 51.8316, 18.3758



73.2580, -48.2132, 12.7092



73.2594, 39.5765, -36.2284

# Square

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



73.2594, -48.2136, 12.7099



73.2594, -13.4563, -62.9114



73.2594, 54.3084, -5.9593



73.2594, 6.1455, 37.7812

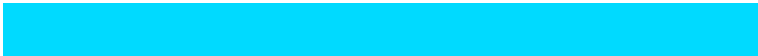


# Rectangle

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



73.2580, -48.2132, 12.7092



73.2594, -39.9763, -34.4754



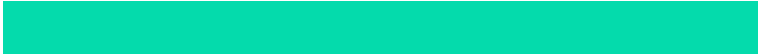
73.2594, 54.3084, -5.9593



73.2594, 40.8412, 28.7884

# Sweetspot

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



73.2594, -48.2136, 12.7099



93.5798, -29.5119, 5.4906



71.7378, -58.6429, 43.0823



42.9458, -15.0323, 2.6477

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



73.2594, -48.2136, 12.7099



86.9799, -57.6134, 15.6535



55.5585, -14.6562, -37.5432



38.4425, -5.4414, 2.0319



56.3949, -37.1978, 9.8107



14.3970, -9.2074, 1.8812



# Inverse Universe

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



39.2266, 67.2140, 20.6090



46.4146, 80.0963, 25.2639



42.9475, 53.3703, 27.2387



36.1910, 1.6322, 2.1246



30.1152, 52.0360, 15.8724

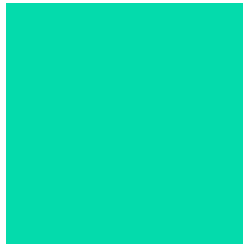


7.7493, 13.5547, 2.8075



# Previews

## White Background



This preview shows how the HunterLab color 73.2580, -48.2132, 12.7092 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 73.2580, -48.2132, 12.7092 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

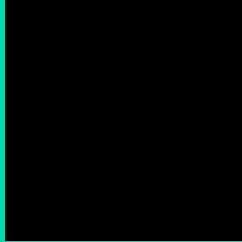
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

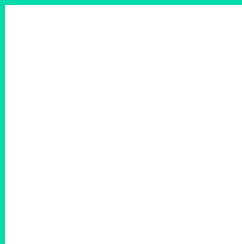
Any Text WCAG AAA ✓ Pass

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

## HunterLab 73.2580, -48.2132, 12.7092 Background



This preview shows how black text looks on a background with the HunterLab color 73.2580, -48.2132, 12.7092.



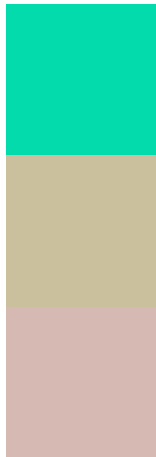
This preview shows how white text looks on a background with the HunterLab color 73.2580,

-48.2132, 12.7092.

# 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

73.2580, -48.2132, 12.7092

### Protanopia

72.7079, -5.3472, 18.3305

### Deuteranopia

72.3876, 5.2715, 9.7660



## Tritanopia

73.1020, -30.8625, -15.6180

# Trichromacy



## Original Color

73.2580, -48.2132, 12.7092



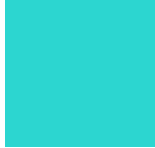
## Protanomaly

70.5058, -29.4805, 13.7910



## Deuteranomaly

69.6207, -23.6802, 7.5059



## Tritanomaly

72.9265, -38.3536, -4.2505

# Monochromacy



## Original Color

73.2580, -48.2132, 12.7092



## Achromatopsia

54.8219, -2.9252, 2.9786



## Achromatomaly

59.3239, -25.4476, 4.2295

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 73.2580, -48.2132, 12.7092 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(4, 219, 172)` looks like.

```
.text, #text, p{  
    color:rgb(4, 219, 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(4, 219, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 219, 172) }
```

## Border

The CSS property to change the border of an element to HunterLab 73.2580, -48.2132, 12.7092 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(4, 219, 172) }
```



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

```
.border{ border-color:rgb(4, 219, 172) }
```

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

Here you see how a box with a 4 pixel rgb(4, 219, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 219, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 219, 172);  
box-shadow:4px 4px 4px 4px rgb(4, 219,  
172) }
```

# Background

The CSS property to change the background color of an element to HunterLab 73.2580, -48.2132, 12.7092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 219, 172) }
```

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

```
.background{ background-color: rgb(4, 219,  
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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