

# Converting Colors

HunterLab(66.8509, -69.8043,  
-5.3556)

Have a look what the booklet for  
HunterLab(66.8509, -69.8043,  
-5.3556) contains.

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# Color

**HunterLab(73.1579,  
-43.7256, 2.9501)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D9C2
RGB	0, 217, 194
RGB Percent	0%, 85%, 76%
CMY	0.9998, 0.1490, 0.2392
CMYK	1.00, 0.00, 0.11, 0.15
HSL	174°, 100%, 43%
HSV	174°, 100%, 85%
XYZ	34.5505, 53.5208, 59.5485
YIQ	149.4950, -121.9490, -53.1570

# Conversions

## Conversions Part 2

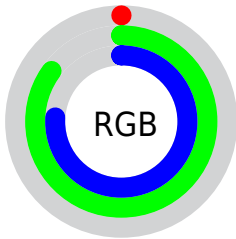
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 115, 217
Decimal	55746
CIELab	78.18, -49.11, -1.17
CIELCh	78, 49.127, 181.369
Yxy	53.5228, 0.2341, 0.3626
Android (android.graphics.Color)	4278245826 (0xFF00D9C2)
YUV	149.4950, 21.9410, -131.1071
Hunter-Lab	73.1579, -43.7256, 2.9501

# Details

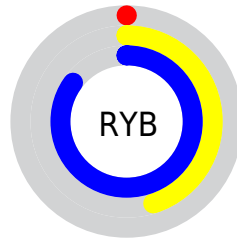
The HunterLab color **73.1579, -43.7256, 2.9501** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **38.4905, 66.0711, 23.6221**, and the grayscale version is **54.9773, -2.9335, 2.9870**.

A 20% lighter version of the original color is **90.3384, -41.1194, -4.4121**, and **52.3573, -31.7837, 3.1699** is the 20% darker color. If you saturate the color by 10%, you get **73.1590, -43.7275, 2.9527**, and if you desaturate by 10%, it is **73.3447, -42.8392, 2.0816**.

# Distribution



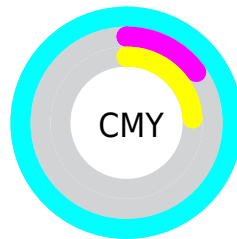
- Red (0%)
- Green (85%)
- Blue (76%)



- Red (0%)
- Yellow (45%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.1579, -43.7256, 2.9501 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 73.1579, -43.7256, 2.9501 by changing the saturation by 10% instead.



73.1579, -43.7256,  
2.9501

73.1579, -43.7256,  
2.9501

200.0719,  
-69.8662, 9.4533

61.8226, -40.3874,  
2.3893

97.6592, -50.0326,  
4.1818

51.1407, -36.8854,  
1.8667

110.7655,  
-53.0430, 4.8471

41.1566, -33.1751,  
1.3860

124.4107,  
-55.9786, 5.5437

31.9230, -29.1918,  
0.9513

138.5743,  
-58.8507, 6.2701

23.5067, -24.8371,  
0.5674

153.2380,  
-61.6685, 7.0253

15.9964, -20.0230,  
0.2415

168.3852,

9.5185, -16.6574,

-64.4397, 7.8082

-0.0154

184.0011,  
-67.1705, 8.6178

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.1579, -43.7256,  
2.9501

■ 73.1579, -43.7256,  
2.9501

■ 73.1590, -43.7275,  
2.9527

■ 73.3447, -42.8392,  
2.0816

■ 73.6585, -41.4404,  
1.3642

■ 74.1409, -39.3792,  
0.8536

■ 74.8116, -36.5935,  
0.5792

■ 75.6849, -33.0511,

0.5613

■ 76.7705, -28.7454,  
0.8126

■ 78.0743, -23.6912,  
1.3386

■ 79.5987, -17.9213,  
2.1385

■ 81.3431, -11.4822,  
3.2056

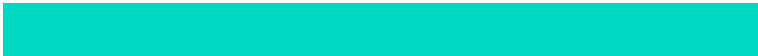
# Harmonies

## Analogous

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



73.1593, -39.4066, 21.6885



73.1579, -43.7256, 2.9501



73.1593, -38.5440, -22.0296

# Triad

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



73.1593, -43.7259, 2.9510



73.1593, 21.0575, -42.8865



73.1593, 18.9609, 32.4999

# Complementary

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



73.1579, -43.7256, 2.9501



38.4905, 66.0711, 23.6221

# 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.



73.1593, 38.6799, 22.9662



73.1579, -43.7256, 2.9501



73.1593, 39.9936, -19.6793

# Square

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



73.1593, -43.7259, 2.9510



73.1593, -2.8281, -53.1389



73.1593, 46.8108, 4.9988



73.1593, -4.9807, 35.1814

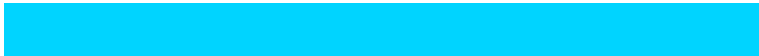


# Rectangle

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



73.1579, -43.7256, 2.9501



73.1593, -29.9678, -38.0408



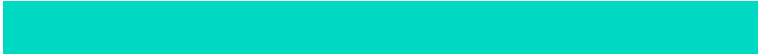
73.1593, 46.8108, 4.9988



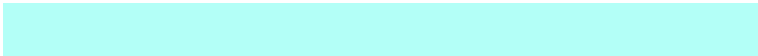
73.1593, 26.4035, 30.1776

# Sweetspot

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



73.1593, -43.7259, 2.9510



93.6765, -28.6313, 1.5838



70.5966, -59.7671, 42.4539



43.0175, -14.4853, 0.5916

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



73.1593, -43.7259, 2.9510



87.8177, -52.5403, 3.6549



46.9200, -2.1134, -54.0804



38.4767, -5.2514, 1.5452



56.9279, -33.9713, 2.1794



14.5138, -8.5019, 0.2122



# Inverse Universe

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



38.4905, 66.0711, 23.6221



46.1945, 79.2811, 28.5192



45.7943, 43.5233, 28.9786



36.1578, 1.4532, 2.5992



29.9580, 51.4541, 18.1954

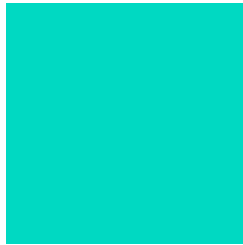


7.6758, 13.2841, 3.8830



# Previews

## White Background



This preview shows how the HunterLab color 73.1579, -43.7256, 2.9501 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 73.1579, -43.7256, 2.9501 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

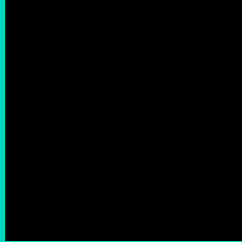
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

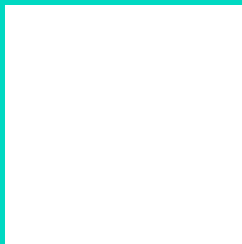
Any Text WCAG AAA ✓ Pass

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

## HunterLab 73.1579, -43.7256, 2.9501 Background



This preview shows how black text looks on a background with the HunterLab color 73.1579, -43.7256, 2.9501.



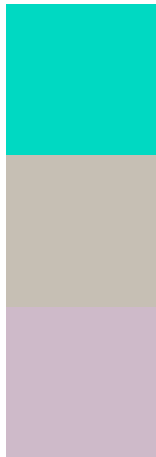
This preview shows how white text looks on a background with the HunterLab color 73.1579, -43.7256, 2.9501.

-43.7256, 2.9501.

# 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

73.1579, -43.7256, 2.9501

### Protanopia

72.5001, -3.3836, 9.3027

### Deuteranopia

72.4270, 5.2421, -0.5145



## Tritanopia

73.2017, -32.2291, -15.4986

# Trichromacy



## Original Color

73.1579, -43.7256, 2.9501



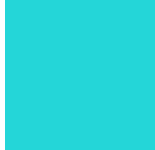
## Protanomaly

70.1762, -26.1124, 4.0063



## Deuteranomaly

69.8821, -21.3491, -2.6410



## Tritanomaly

73.0931, -37.1435, -8.3080

# Monochromacy



## Original Color

73.1579, -43.7256, 2.9501



## Achromatopsia

55.2257, -2.9467, 3.0005



## Achromatomaly

59.5468, -24.0549, 0.3505

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 73.1579, -43.7256, 2.9501 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(0, 217, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 217, 194) }
```

## Border

The CSS property to change the border of an element to HunterLab 73.1579, -43.7256, 2.9501 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, 194) }
```



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

```
.border{ border-color:rgb(0, 217, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 217, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 217, 194);  
box-shadow:4px 4px 4px 4px rgb(0, 217,  
194) }
```

# Background

The CSS property to change the background color of an element to HunterLab 73.1579, -43.7256, 2.9501 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, 194) }
```

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

```
.background{ background-color: rgb(0, 217,  
194) }
```

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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