

# Converting Colors

HunterLab(74.8183, -41.5209,  
-8.5568)

Have a look what the booklet for  
HunterLab(74.8183, -41.5209,  
-8.5568) contains.

<b>HunterLab(75.1045, -39.5873, -8.4165)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(75.1045,  
-39.5873, -8.4165)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00DCDD
RGB	0, 220, 221
RGB Percent	0%, 86%, 87%
CMY	0.9998, 0.1372, 0.1333
CMYK	1.00, 0.00, 0.00, 0.13
HSL	180°, 100%, 43%
HSV	180°, 100%, 87%
XYZ	38.6443, 56.4069, 77.2575
YIQ	154.3340, -131.4410, -46.3290

# Conversions

## Conversions Part 2

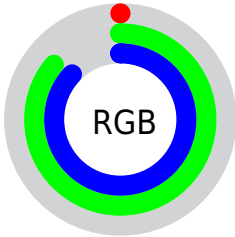
Format	Color
<b>RYB</b>	0, 110, 221
Decimal	56541
CIELab	79.85, -42.71, -13.13
CIELCh	80, 44.685, 197.093
Yxy	56.4089, 0.2243, 0.3274
Android (android.graphics.Color)	4278246621 (0xFF00DCDD)
YUV	154.3340, 32.8663, -135.3509
Hunter-Lab	75.1045, -39.5873, -8.4165

# Details

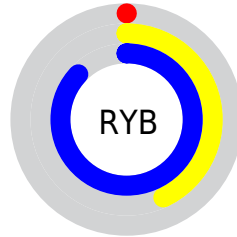
The HunterLab color **75.1045, -39.5873, -8.4165** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **39.2369, 67.0450, 25.3490**, and the grayscale version is **56.8978, -3.0359, 3.0914**.

A 20% lighter version of the original color is **90.6198, -39.6786, -6.7543**, and **54.1333, -28.2625, -6.6512** is the 20% darker color. If you saturate the color by 10%, you get **75.1056, -39.5882, -8.4159**, and if you desaturate by 10%, it is **75.2551, -39.1772, -8.2092**.

# Distribution



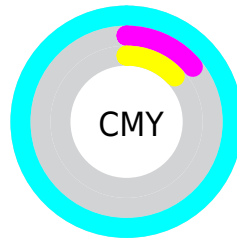
- Red (0%)
- Green (86%)
- Blue (87%)



- Red (0%)
- Yellow (43%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (14%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.1045, -39.5873, -8.4165 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 75.1045, -39.5873, -8.4165 by changing the saturation by 10% instead.



75.1045, -39.5873,  
-8.4165

75.1045, -39.5873,  
-8.4165

202.7883,  
-62.9812, -5.7284

63.6639, -36.6516,  
-8.4750

99.8009, -45.1691,  
-8.1312

52.8703, -33.5874,  
-8.4735

112.9984,  
-47.8488, -7.9140

42.7668, -30.3590,  
-8.4054

126.7311,  
-50.4707, -7.6509

33.4042, -26.9153,  
-8.2646

140.9791,  
-53.0440, -7.3446

24.8465, -23.1782,  
-8.0450

155.7243,  
-55.5761, -6.9972

17.1781, -19.0211,  
-7.7437

170.9506,

10.5173, -18.4052,

-58.0731, -6.6109

-7.3740

186.6430,  
-60.5401, -6.1874

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 75.1045, -39.5873,  
-8.4165

■ 75.1045, -39.5873,  
-8.4165

■ 75.1056, -39.5882,  
-8.4159

■ 75.2551, -39.1772,  
-8.2092

■ 75.5345, -38.2557,  
-7.8216

■ 75.9846, -36.6696,  
-7.1984

■ 76.6261, -34.3511,  
-6.3157

■ 77.4738, -31.2621,

-5.1601

■ 78.5381, -27.3900,  
-3.7271

■ 79.8253, -22.7445,  
-2.0199

■ 81.3383, -17.3538,  
-0.0480

■ 83.0769, -11.2610,  
2.1736

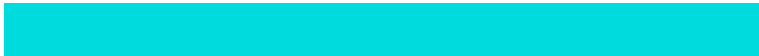
# Harmonies

## Analogous

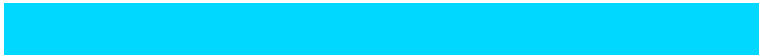
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1059, -40.2142, 12.3541



75.1045, -39.5873, -8.4165



75.1059, -30.1392, -30.8038

# Triad

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



75.1059, -39.5874, -8.4155



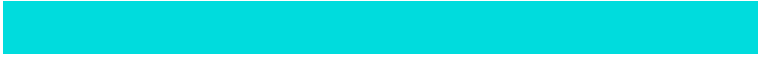
75.1059, 28.7362, -27.9221



75.1059, 5.4493, 33.2096

# Complementary

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



75.1045, -39.5873, -8.4165



39.2369, 67.0450, 25.3490

# 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.



75.1059, 26.2620, 27.5683



75.1045, -39.5873, -8.4165



75.1059, 40.6894, -5.2390

# Square

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



75.1059, -39.5874, -8.4155



75.1059, 8.5317, -44.0610



75.1059, 39.7361, 14.7543



75.1059, -15.7820, 32.8036



# Rectangle

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



75.1045, -39.5873, -8.4165



75.1059, -19.4374, -41.9159



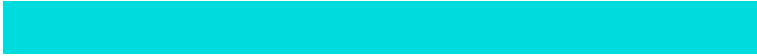
75.1059, 39.7361, 14.7543



75.1059, 12.7696, 32.0437

# Sweetspot

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



75.1059, -39.5874, -8.4155



93.8317, -26.9042, -2.4327



71.9126, -61.6632, 43.2314



43.0996, -13.5673, -1.5366

0.0000, NaN, NaN

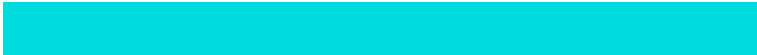


46.2646, -2.4686, 2.5136



# Same Dimension

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



75.1059, -39.5874, -8.4155



88.3216, -46.5522, -9.9015



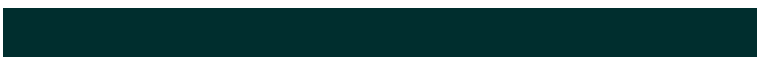
40.6043, 11.0840, -74.6742



38.4954, -5.0486, 1.0653



57.2476, -30.1781, -6.4087



14.5826, -7.6948, -1.6161



# Inverse Universe

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



45.3222, 89.0103, -59.0948



53.2973, 104.6806, -69.4926



51.6127, 32.2891, 32.3670



36.4332, 2.9309, -1.3201



34.5430, 67.8472, -45.0520

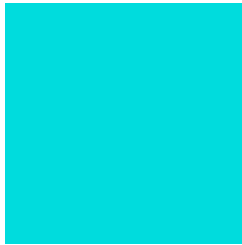


8.7941, 17.2757, -11.4918



# Previews

## White Background



This preview shows how the HunterLab color 75.1045, -39.5873, -8.4165 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

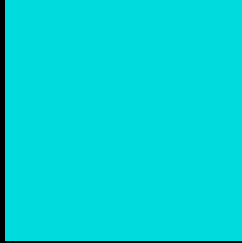
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 75.1045, -39.5873, -8.4165 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

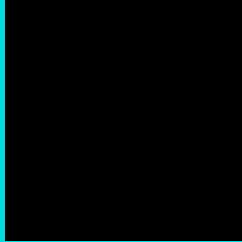
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

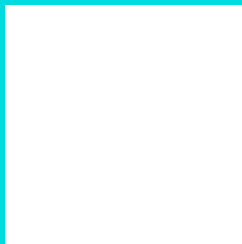
Any Text WCAG AAA ✓ Pass

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

# HunterLab 75.1045, -39.5873, -8.4165 Background



This preview shows how black text looks on a background with the HunterLab color 75.1045, -39.5873, -8.4165.



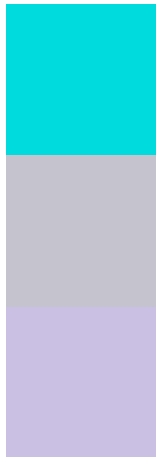
This preview shows how white text looks on a background with the HunterLab color 75.1045,

-39.5873, -8.4165.

# 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

75.1045, -39.5873, -8.4165

### Protanopia

74.4021, -1.4147, -0.7107

### Deuteranopia

74.6075, 5.3371, -11.6864



## Tritanopia

75.2146, -34.5529, -16.2146

# Trichromacy



## Original Color

75.1045, -39.5873, -8.4165



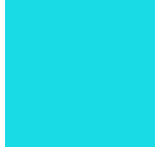
## Protanomaly

72.2834, -23.2528, -6.4164



## Deuteranomaly

72.2956, -18.8349, -14.2011



## Tritanomaly

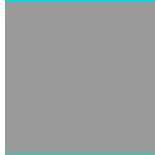
75.2216, -36.6818, -13.2983

# Monochromacy



## Original Color

75.1045, -39.5873, -8.4165



## Achromatopsia

56.8457, -3.0331, 3.0885



## Achromatomaly

61.3611, -23.0401, -3.2908

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 75.1045, -39.5873, -8.4165 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, 220, 221)` looks like.

```
.text, #text, p{  
    color:rgb(0, 220, 221)  
}
```

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, 220, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 220, 221) }
```

## Border

The CSS property to change the border of an element to HunterLab 75.1045, -39.5873, -8.4165 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, 220, 221) }
```



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

```
.border{ border-color:rgb(0, 220, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 220, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 220, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 220, 221);  
box-shadow:4px 4px 4px 4px rgb(0, 220,  
221) }
```

# Background

The CSS property to change the background color of an element to HunterLab 75.1045, -39.5873, -8.4165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 220, 221) }
```

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

```
.background{ background-color: rgb(0, 220,  
221) }
```

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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