

# Converting Colors

Decimal(50139)

Have a look what the booklet for  
Decimal(50139) contains.

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# **Color**

**Decimal(50139)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C3DB
RGB	0, 195, 219
RGB Percent	0%, 76%, 86%
CMY	1.0000, 0.2353, 0.1412
CMYK	1.00, 0.11, 0.00, 0.14
HSL	187°, 100%, 43%
HSV	187°, 100%, 86%
XYZ	32.3013, 44.1447, 73.8362
YIQ	139.4310, -123.9240, -33.8760

# Conversions

## Conversions Part 2

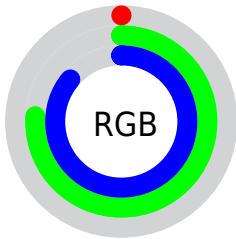
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 103, 219
Decimal	50139
CIELab	72.33, -31.79, -23.43
CIELCh	72, 39.488, 216.389
Yxy	44.1447, 0.2149, 0.2937
Android (android.graphics.Color)	4278240219 (0xFF00C3DB)
YUV	139.4310, 39.2275, -122.2810
Hunter-Lab	66.4415, -29.4927, -19.3797

# Details

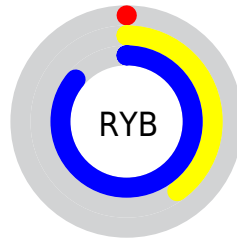
The Decimal color **50139** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **14358528**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **7077119**, and **36260** is the 20% darker color. If you saturate the color by 10%, you get **50139**, and if you desaturate by 10%, it is **1492443**.

# Distribution



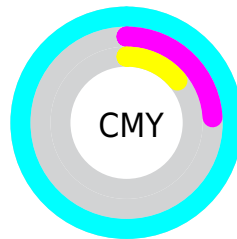
- Red (0%)
- Green (76%)
- Blue (86%)



- Red (0%)
- Yellow (40%)
- Blue (86%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (14%)



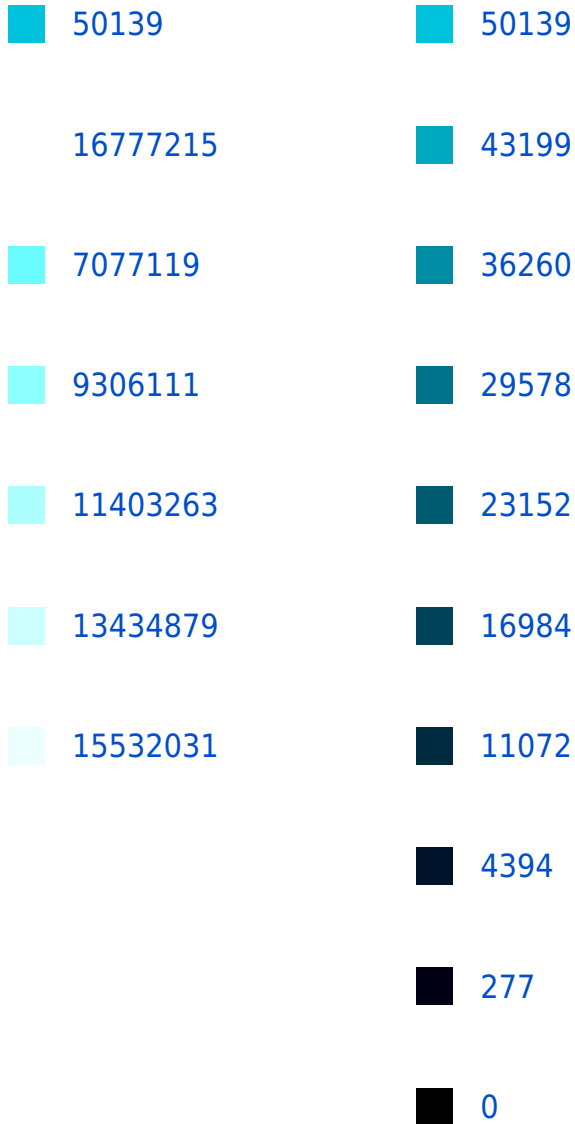
- Cyan (100%)
- Magenta (24%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 50139 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 Decimal color 50139 by changing the saturation by 10% instead.





■ 50139

■ 1492443

■ 2935003

■ 4377307

■ 5819867

■ 7262171

■ 8638939

■ 10081499

■ 11523803

■ 12966363

# Harmonies

## Analogous

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



3786168



50139



4767219

# Triad

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



50139



15047375



12759657

# Complementary

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



50139



14358528

# 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.



14787952



50139



16225707

# Square

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



50139



12625388



16030344



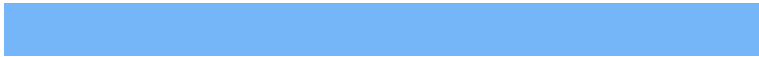
10206326

# Rectangle

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



50139



7714553



16030344



13479529



# Sweetspot

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



50139



11794431



56086



5405312



0



8421504



# Same Dimension

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



50139



58367



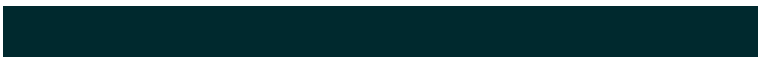
22747



6515822



39597



10542



# Inverse Universe

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



14352579



16711907



14385920



7234412



11337882

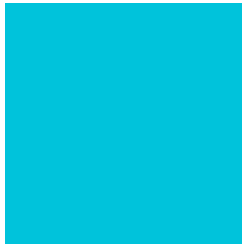


3014697



# Previews

## White Background



This preview shows how the Decimal color 50139 looks on a white background.

## Color Contrast Check

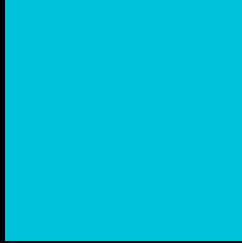
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 50139 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

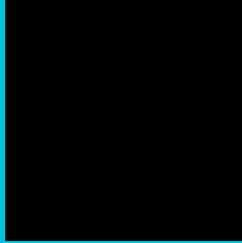
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 50139 Background



This preview shows how black text looks on a background with the Decimal color 50139.

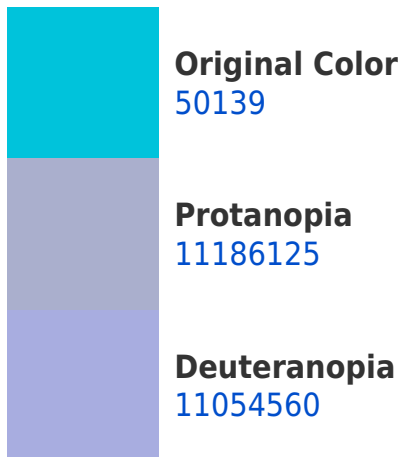


This preview shows how white text looks on a background with the Decimal color 50139.

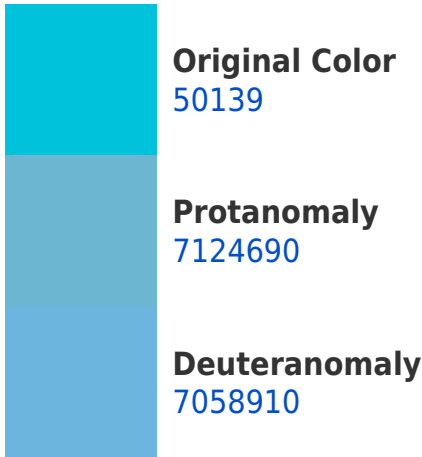
# Color Blindness Simulation

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](#).

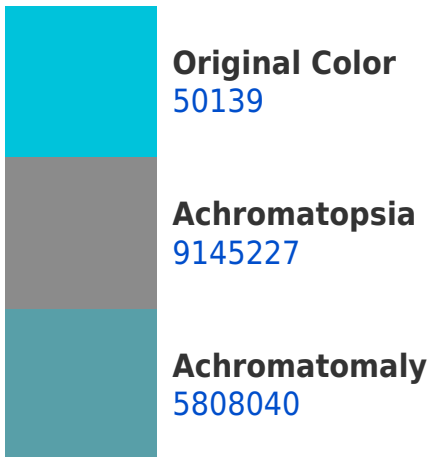
## Dichromacy



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 50139 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 #00C3DB looks like.

```
.text, #text, p{  
    color:#00C3DB  
}
```

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 #00C3DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C3DB
}
```

## Border

The CSS property to change the border of an element to Decimal 50139 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
#00C3DB }
```

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

```
.border{ border-color:#00C3DB }
```

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

Here you see how a box with a 4 pixel #00C3DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C3DB; -webkit-box-shadow:4px 4px  
4px 4px #00C3DB; box-shadow:4px 4px 4px  
4px #00C3DB }
```

# Background

The CSS property to change the background color of an element to Decimal 50139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C3DB }
```

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

```
.background{ background-color:#00C3DB }
```

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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