

# Converting Colors

Decimal(122569)

Have a look what the booklet for  
Decimal(122569) contains.

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**Color**

**Decimal(122569)**

# Conversions

## Conversions Part 1

Format	Color
Hex	01DEC9
RGB	1, 222, 201
RGB Percent	0%, 87%, 79%
CMY	0.9961, 0.1294, 0.2118
CMYK	1.00, 0.00, 0.09, 0.13
HSL	174°, 99%, 44%
HSV	174°, 100%, 87%
XYZ	36.6764, 56.4661, 64.2243
YIQ	153.5270, -124.9750, -53.3830

# Conversions

## Conversions Part 2

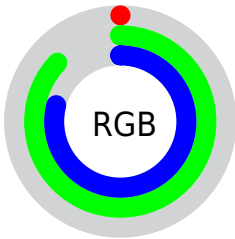
Format	Color
<b>RYB</b>	1, 117, 222
Decimal	122569
CIELab	79.88, -49.25, -2.42
CIELCh	80, 49.313, 182.815
Yxy	56.4661, 0.2331, 0.3588
Android (android.graphics.Color)	4278312649 (0xFF01DEC9)
YUV	153.5270, 23.4042, -133.7662
Hunter-Lab	75.1439, -44.3791, 1.9265

# Details

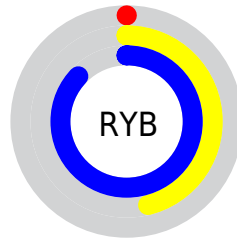
The Decimal color **122569** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **14549270**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **7274495**, and **42643** is the 20% darker color. If you saturate the color by 10%, you get **57033**, and if you desaturate by 10%, it is **1564363**.

# Distribution



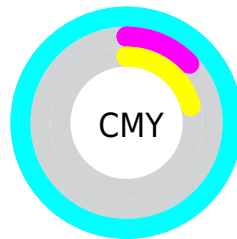
- Red (0%)
- Green (87%)
- Blue (79%)



- Red (0%)
- Yellow (46%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (13%)



- Cyan (100%)
- Magenta (13%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 122569 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 122569 by changing the saturation by 10% instead.





■ 122569

■ 122569

■ 57033

■ 1564363

■ 3006157

■ 4513487

■ 5955281

■ 7397076

■ 8838870

■ 10280664

■ 11787994

■ 13229788

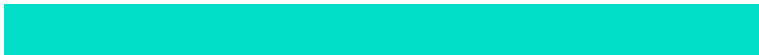
# Harmonies

## Analogous

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



7723674



122569



56822

# Triad

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



122569



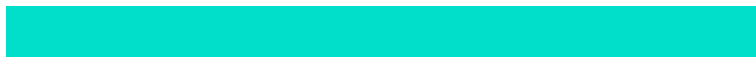
13678847



16758133

# Complementary

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



122569



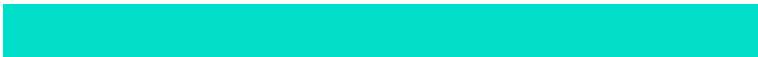
14549270

# 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.



16754327



122569



16754929

# Square

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



122569



8702463



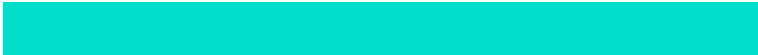
16753091



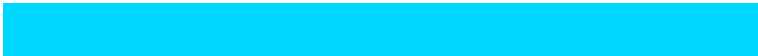
14665064

# Rectangle

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



122569



55807



16753091

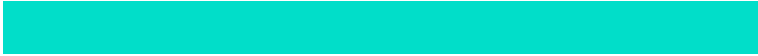


16756606

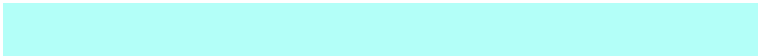


# Sweetspot

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



122569



11796472



1564161



5406843



0



8421504



# Same Dimension

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



122569



65511



100062



6647919



45215



12332



# Inverse Universe

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



14549270



16711704



14571777



7365990



11534353

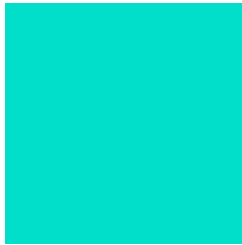


3145733



# Previews

## White Background



This preview shows how the Decimal color 122569 looks on a white background.

## Color Contrast Check

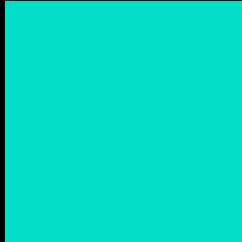
Large Text (above 18pt) WCAG AA × Fail

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 122569 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

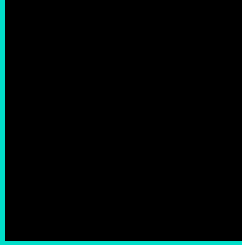
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

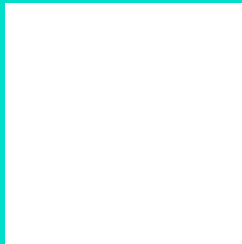
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 122569 Background



This preview shows how black text looks on a background with the Decimal color 122569.



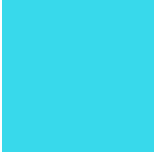
This preview shows how white text looks on a background with the Decimal color 122569.

# 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





**Tritanopia**  
3725803

# Trichromacy



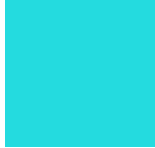
**Original Color**  
122569



**Protanomaly**  
8506815



**Deuteranomaly**  
8833741



**Tritanomaly**  
2415583

# Monochromacy



**Original Color**  
122569



**Achromatopsia**  
10132122



**Achromatomaly**  
6468523

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 122569 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 #01DEC9 looks like.

```
.text, #text, p{  
  color:#01DEC9  
}
```

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 #01DEC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01DEC9
}
```

## Border

The CSS property to change the border of an element to Decimal 122569 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
#01DEC9 }
```

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

```
.border{ border-color:#01DEC9 }
```

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

Here you see how a box with a 4 pixel #01DEC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01DEC9; -webkit-box-shadow:4px 4px  
4px 4px #01DEC9; box-shadow:4px 4px 4px  
4px #01DEC9 }
```

# Background

The CSS property to change the background color of an element to Decimal 122569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01DEC9 }
```

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

```
.background{ background-color:#01DEC9 }
```

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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