

# Converting Colors

Decimal(57587)

Have a look what the booklet for  
Decimal(57587) contains.

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# **Color**

**Decimal(57587)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00E0F3
RGB	0, 224, 243
RGB Percent	0%, 88%, 95%
CMY	1.0000, 0.1216, 0.0471
CMYK	1.00, 0.08, 0.00, 0.05
HSL	185°, 100%, 48%
HSV	185°, 100%, 95%
XYZ	42.8333, 59.7824, 94.0756
YIQ	159.1900, -139.6030, -41.5790

# Conversions

## Conversions Part 2

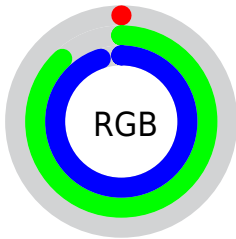
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 117, 243
Decimal	57587
CIELab	81.72, -37.87, -22.01
CIELCh	82, 43.796, 210.164
Yxy	59.7824, 0.2178, 0.3039
Android (android.graphics.Color)	4278247667 (0xFF00E0F3)
YUV	159.1900, 41.3183, -139.6096
Hunter-Lab	77.3191, -36.4227, -18.0160

# Details

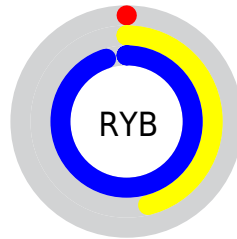
The Decimal color **57587** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light saturated cyan. A complement of this color would be **15930112**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **7602175**, and **43195** is the 20% darker color. If you saturate the color by 10%, you get **57587**, and if you desaturate by 10%, it is **1630963**.

# Distribution



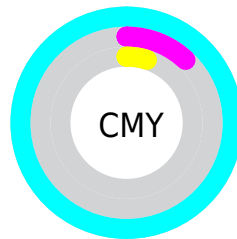
- Red (0%)
- Green (88%)
- Blue (95%)



- Red (0%)
- Yellow (46%)
- Blue (95%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (12%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 57587 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 57587 by changing the saturation by 10% instead.





■ 57587

■ 1630963

■ 3269875

■ 4843251

■ 6416627

■ 7990003

■ 9628659

■ 11202035

■ 12775411

■ 14414323

# Harmonies

## Analogous

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



5300682



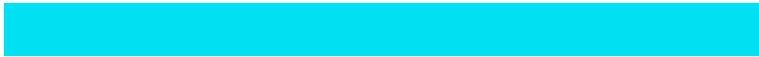
57587



4381439

# Triad

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



57587



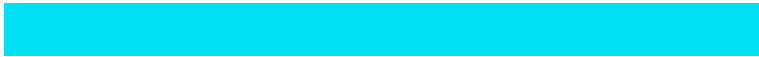
16757493



15124856

# Complementary

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



57587



15930112

# 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.



16759429



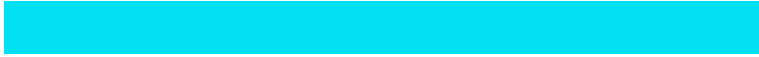
57587



16755660

# Square

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



57587



13680895



16756644



12309891

# Rectangle

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



57587



7787519



16756644



15910010



# Sweetspot

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



57587



11794943



62224



5405824



0



8421504



# Same Dimension

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



57587



60415



27123



7240058



44218



13883



# Inverse Universe

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



15925472



16711915



15960576



8023673



12189868

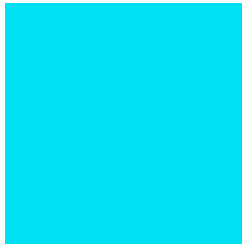


3866678



# Previews

## White Background



This preview shows how the Decimal color 57587 looks on a white background.

## Color Contrast Check

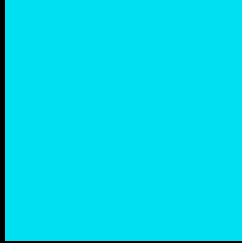
Large Text (above 18pt) WCAG AA × Fail

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 57587 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 57587 Background



This preview shows how black text looks on a background with the Decimal color 57587.

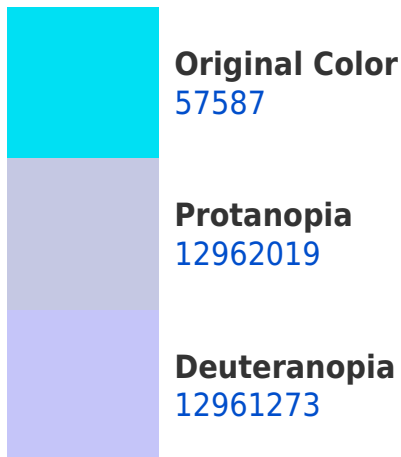


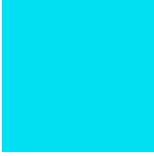
This preview shows how white text looks on a background with the Decimal color 57587.

# 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



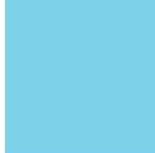


**Tritanopia**  
57586

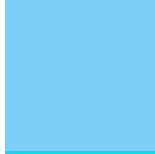
# Trichromacy



**Original Color**  
57587



**Protanomaly**  
8245737



**Deuteranomaly**  
8245239

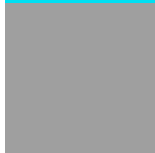


**Tritanomaly**  
57586

# Monochromacy



**Original Color**  
57587



**Achromatopsia**  
10461087



**Achromatomaly**  
6666174

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 57587 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 #00E0F3 looks like.

```
.text, #text, p{  
    color:#00E0F3  
}
```

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 #00E0F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E0F3
}
```

## Border

The CSS property to change the border of an element to Decimal 57587 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
#00E0F3 }
```

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

```
.border{ border-color:#00E0F3 }
```

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

Here you see how a box with a 4 pixel #00E0F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E0F3; -webkit-box-shadow:4px 4px  
4px 4px #00E0F3; box-shadow:4px 4px 4px  
4px #00E0F3 }
```

# Background

The CSS property to change the background color of an element to Decimal 57587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E0F3 }
```

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

```
.background{ background-color:#00E0F3 }
```

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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