

# Converting Colors

Decimal(61387)

Have a look what the booklet for  
Decimal(61387) contains.

<b>Decimal(61387)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(61387)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00EFCB
RGB	0, 239, 203
RGB Percent	0%, 94%, 80%
CMY	1.0000, 0.0627, 0.2039
CMYK	1.00, 0.00, 0.15, 0.06
HSL	171°, 100%, 47%
HSV	171°, 100%, 94%
XYZ	41.6460, 66.0448, 67.0529
YIQ	163.4350, -130.8880, -61.8640

# Conversions

## Conversions Part 2

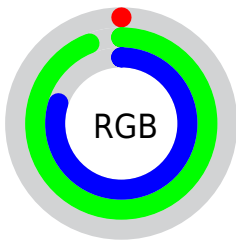
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 129, 239
Decimal	61387
CIELab	85.02, -55.66, 4.01
CIELCh	85, 55.807, 175.875
Yxy	66.0448, 0.2383, 0.3780
Android (android.graphics.Color)	4278251467 (0xFF00EFCB)
YUV	163.4350, 19.5055, -143.3325
Hunter-Lab	81.2680, -50.7461, 7.9684

# Details

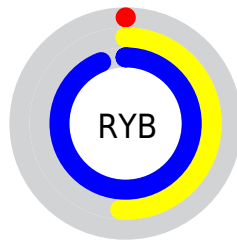
The Decimal color **61387** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed cyan. A complement of this color would be **15663140**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **7471103**, and **46741** is the 20% darker color. If you saturate the color by 10%, you get **61387**, and if you desaturate by 10%, it is **1634255**.

# Distribution



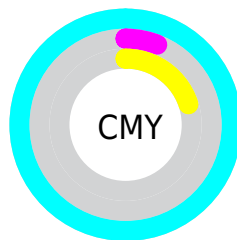
- Red (0%)
- Green (94%)
- Blue (80%)



- Red (0%)
- Yellow (51%)
- Blue (94%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (6%)



- Cyan (100%)
- Magenta (6%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 61387 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 61387 by changing the saturation by 10% instead.





 61387

 1634255

 3207122

 4779990

 6352857

 7860189

 9433057

 11005924

 12578792

 14151659

# Harmonies

## Analogous

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



8841879



61387



61439

# Triad

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



61387



13486591



16759934

# Complementary

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



61387



15663140

# 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.



16755881



61387



16758271

# Square

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



61387



6872319



16755166



16502633

# Rectangle

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



61387



60671



16755166



16758411

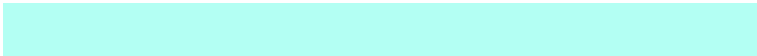


# Sweetspot

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



61387



11796467



2682624



5406841



0



8421504



# Same Dimension

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



61387



65497



40943



7108726



47260



14384



# Inverse Universe

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



15663140



16711718



15683584



7892078



12058652

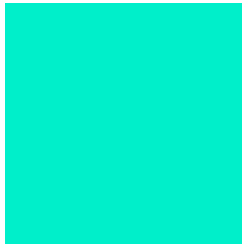


3670024



# Previews

## White Background



This preview shows how the Decimal color 61387 looks on a white background.

## Color Contrast Check

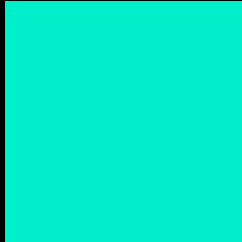
Large Text (above 18pt) WCAG AA × Fail

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 61387 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

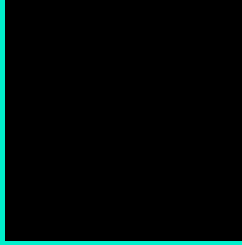
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 61387 Background



This preview shows how black text looks on a background with the Decimal color 61387.

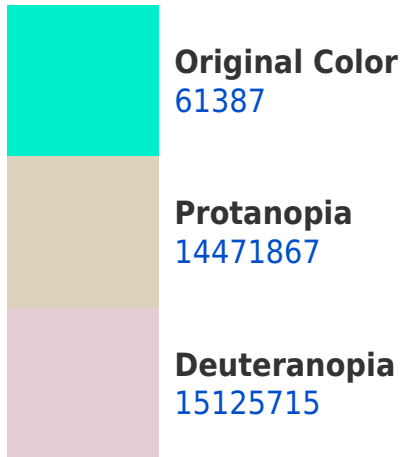


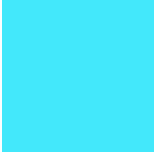
This preview shows how white text looks on a background with the Decimal color 61387.

# 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](#).

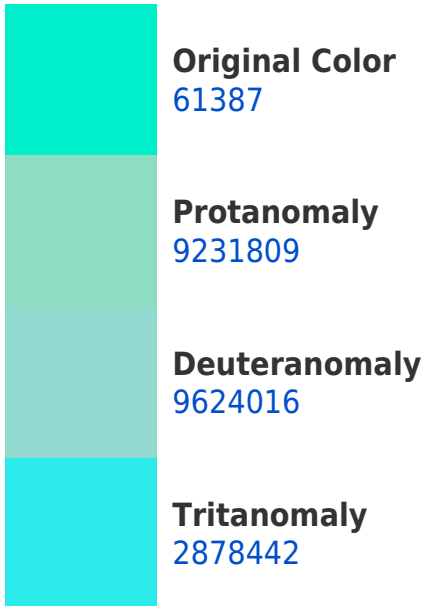
## Dichromacy



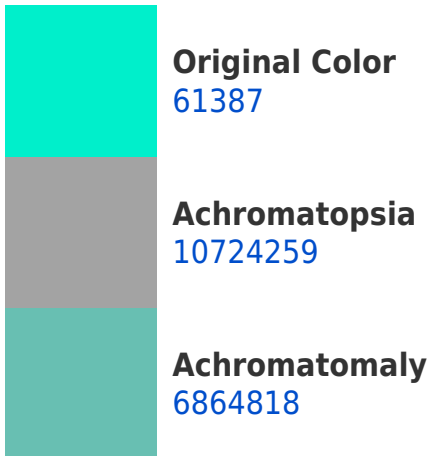


**Tritanopia**  
4450555

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 61387 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 #00EFCB looks like.

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

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 #00EFCB colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 61387 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
#00EFCB }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 61387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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