

# Converting Colors

Decimal(60075)

Have a look what the booklet for  
Decimal(60075) contains.

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# **Color**

**Decimal(60075)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00EAAB
RGB	0, 234, 171
RGB Percent	0%, 92%, 67%
CMY	1.0000, 0.0824, 0.3294
CMYK	1.00, 0.00, 0.27, 0.08
HSL	164°, 100%, 46%
HSV	164°, 100%, 92%
XYZ	36.7735, 61.7859, 48.5158
YIQ	156.8520, -119.2410, -69.2010

# Conversions

## Conversions Part 2

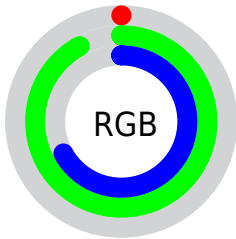
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 135, 234
Decimal	60075
CIELab	82.80, -61.52, 17.59
CIELCh	83, 63.988, 164.048
Yxy	61.7859, 0.2500, 0.4201
Android (android.graphics.Color)	4278250155 (0xFF00EAAB)
YUV	156.8520, 6.9750, -137.5592
Hunter-Lab	78.6040, -54.0489, 18.4280

# Details

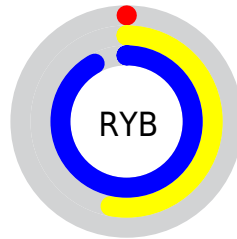
The Decimal color **60075** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle washed spring green. A complement of this color would be **15335487**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **7274466**, and **45431** is the 20% darker color. If you saturate the color by 10%, you get **60075**, and if you desaturate by 10%, it is **1567409**.

# Distribution



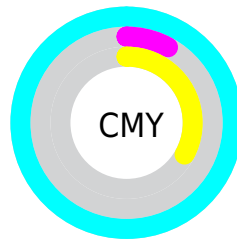
- Red (0%)
- Green (92%)
- Blue (67%)



- Red (0%)
- Yellow (53%)
- Blue (92%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (8%)



- Cyan (100%)
- Magenta (8%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 60075 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 60075 by changing the saturation by 10% instead.





■ 60075

■ 1567409

■ 3140280

■ 4647614

■ 6220484

■ 7727819

■ 9235153

■ 10808023

■ 12315357

■ 13888228

# Harmonies

## Analogous

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



9626228



60075



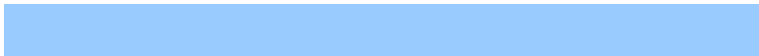
60649

# Triad

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



60075



10079231



16755069

# Complementary

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



60075



15335487

# 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.



16751284



60075



16233471

# Square

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



60075



57087



16752369



16760663

# Rectangle

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



60075



60159



16752369



16753294

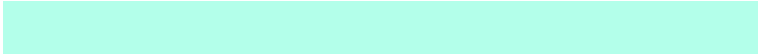


# Sweetspot

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



60075



11796458



4385280



5406835



0



8421504



# Same Dimension

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



60075



65466



47082



6976882



46468



13863



# Inverse Universe

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



15335487



16711749



15348480



7694957



11862065

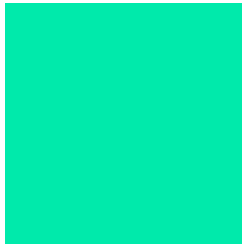


3538958



# Previews

## White Background



This preview shows how the Decimal color 60075 looks on a white background.

## Color Contrast Check

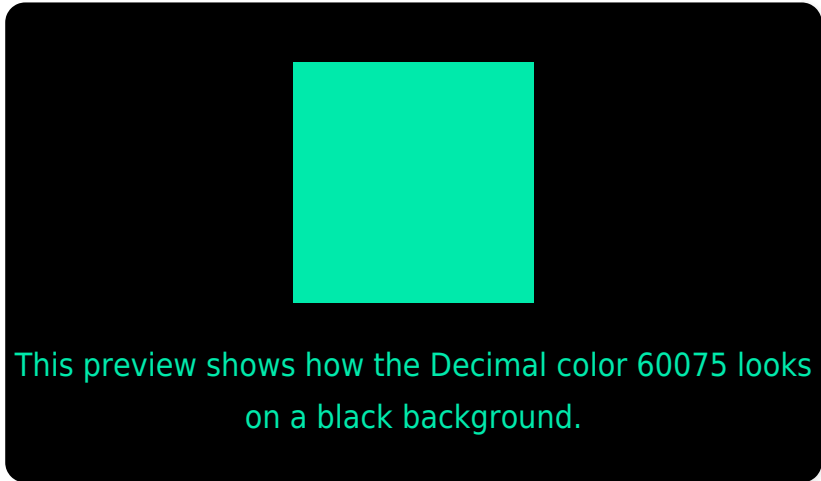
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

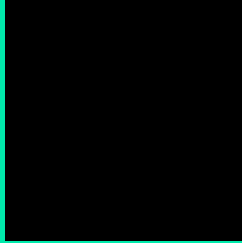
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 60075 Background



This preview shows how black text looks on a background with the Decimal color 60075.



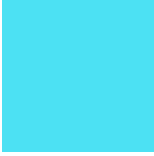
This preview shows how white text looks on a background with the Decimal color 60075.

# 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**  
5038579

# Trichromacy



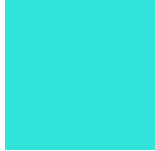
**Original Color**  
60075



**Protanomaly**  
9164706



**Deuteranomaly**  
9753264

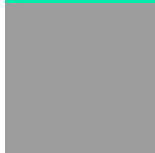


**Tritanomaly**  
3204313

# Monochromacy



**Original Color**  
60075



**Achromatopsia**  
10329501



**Achromatomaly**  
6601122

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 60075 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 #00EAAB looks like.

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

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 #00EAAB colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 60075 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
#00EAAB }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 60075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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