

# Converting Colors

Decimal(65270)

Have a look what the booklet for  
Decimal(65270) contains.

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# **Color**

**Decimal(65270)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FEF6
RGB	0, 254, 246
RGB Percent	0%, 100%, 96%
CMY	1.0000, 0.0039, 0.0353
CMYK	1.00, 0.00, 0.03, 0.00
HSL	178°, 100%, 50%
HSV	178°, 100%, 100%
XYZ	52.0764, 77.5374, 99.4103
YIQ	177.1420, -148.8160, -56.3360

# Conversions

## Conversions Part 2

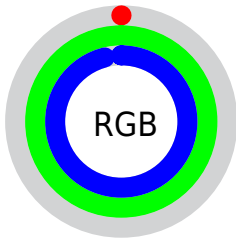
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 129, 254
Decimal	65270
CIELab	90.57, -50.21, -10.28
CIELCh	91, 51.250, 191.576
Yxy	77.5374, 0.2274, 0.3386
Android (android.graphics.Color)	4278255350 (0xFF00FEF6)
YUV	177.1420, 33.9470, -155.3535
Hunter-Lab	88.0553, -48.5311, -5.2968

# Details

The Decimal color **65270** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **16646152**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **7929855**, and **50366** is the 20% darker color. If you saturate the color by 10%, you get **65270**, and if you desaturate by 10%, it is **1703671**.

# Distribution



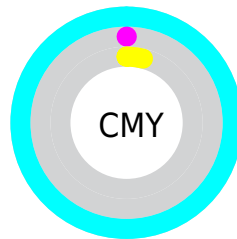
- Red (0%)
- Green (100%)
- Blue (96%)



- Red (0%)
- Yellow (51%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 65270 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 65270 by changing the saturation by 10% instead.





■ 65270

■ 1703671

■ 3407608

■ 5046008

■ 6749945

■ 8388346

■ 10026747

■ 11730684

■ 13369084

■ 15073021

# Harmonies

## Analogous

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



8060099



65270



64511

# Triad

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



65270



16765183



16766855

# Complementary

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



65270



16646152

# 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.



16762533



65270



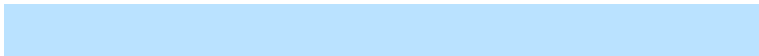
16761343

# Square

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



65270



12247807



16760275



15853442

# Rectangle

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



65270



2815487



16760275



16765327

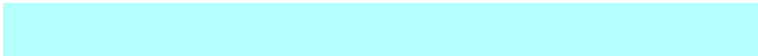


# Sweetspot

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



65270



11796477



589312



5406846



0



8421504



# Same Dimension

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



65270



65527



34814



7569535



49081



16446



# Inverse Universe

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



16646152



16711688



16676608



8418163



12517382

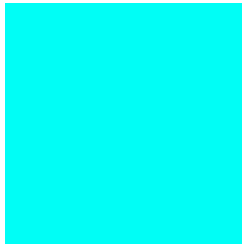


4194306



# Previews

## White Background



This preview shows how the Decimal color 65270 looks on a white background.

## Color Contrast Check

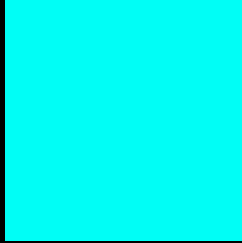
Large Text (above 18pt) WCAG AA × Fail

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 65270 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

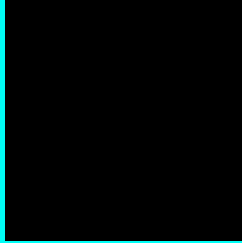
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

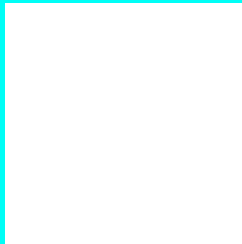
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 65270 Background



This preview shows how black text looks on a background with the Decimal color 65270.



This preview shows how white text looks on a background with the Decimal color 65270.

# 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](#).

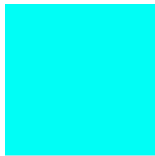
## Dichromacy



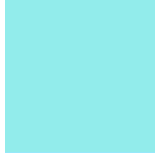


**Tritanopia**  
9827071

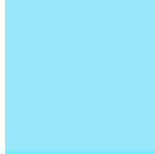
# Trichromacy



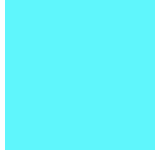
**Original Color**  
65270



**Protanomaly**  
9628907

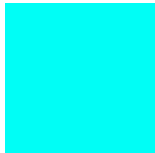


**Deuteranomaly**  
9890042

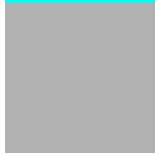


**Tritanomaly**  
6289148

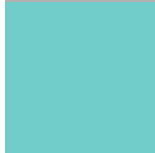
# Monochromacy



**Original Color**  
65270



**Achromatopsia**  
11645361



**Achromatomaly**  
7458250

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 65270 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 #00FEF6 looks like.

```
.text, #text, p{  
    color:#00FEF6  
}
```

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 #00FEF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FEF6
}
```

## Border

The CSS property to change the border of an element to Decimal 65270 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
#00FEF6 }
```

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

```
.border{ border-color:#00FEF6 }
```

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

Here you see how a box with a 4 pixel #00FEF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FEF6; -webkit-box-shadow:4px 4px  
4px 4px #00FEF6; box-shadow:4px 4px 4px  
4px #00FEF6 }
```

# Background

The CSS property to change the background color of an element to Decimal 65270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FEF6 }
```

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

```
.background{ background-color:#00FEF6 }
```

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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