

# Converting Colors

Decimal(63481)

Have a look what the booklet for  
Decimal(63481) contains.

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# **Color**

**Decimal(63481)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00F7F9
RGB	0, 247, 249
RGB Percent	0%, 97%, 98%
CMY	1.0000, 0.0314, 0.0235
CMYK	1.00, 0.01, 0.00, 0.02
HSL	180°, 100%, 49%
HSV	180°, 100%, 98%
XYZ	50.3596, 73.3611, 101.1284
YIQ	173.3750, -147.8540, -51.7420

# Conversions

## Conversions Part 2

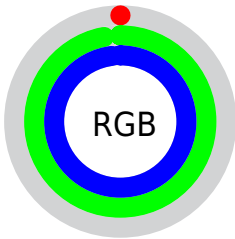
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 124, 249
Decimal	63481
CIELab	88.62, -46.35, -14.76
CIELCh	89, 48.646, 197.658
Yxy	73.3611, 0.2240, 0.3263
Android (android.graphics.Color)	4278253561 (0xFF00F7F9)
YUV	173.3750, 37.2831, -152.0499
Hunter-Lab	85.6511, -44.9380, -10.0481

# Details

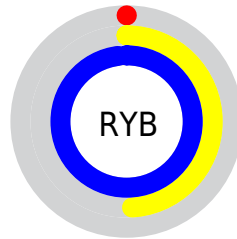
The Decimal color **63481** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **16318976**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **7864319**, and **48833** is the 20% darker color. If you saturate the color by 10%, you get **63481**, and if you desaturate by 10%, it is **1701881**.

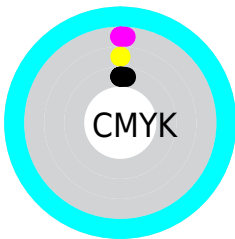
# Distribution



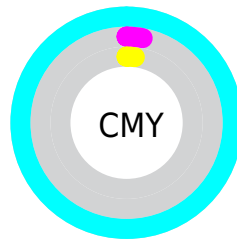
- Red (0%)
- Green (97%)
- Blue (98%)



- Red (0%)
- Yellow (49%)
- Blue (98%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (3%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 63481 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 63481 by changing the saturation by 10% instead.





■ 63481

■ 1701881

■ 3340281

■ 4978937

■ 6617337

■ 8255737

■ 9828601

■ 11467001

■ 13105657

■ 14744057

# Harmonies

## Analogous

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



7272137



63481



62463

# Triad

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



63481



16763135



16766340

# Complementary

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



63481



16318976

# 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.



16762268



63481



16760052

# Square

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



63481



13097727



16759749



14804100

# Rectangle

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



63481



5565951



16759749



16765065

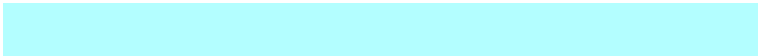


# Sweetspot

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



63481



11796223



63744



5406592



0



8421504



# Same Dimension

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



63481



65023



32249



7372157



48061



15677



# Inverse Universe

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



16318711



16711933



16350464



8220797



12386491

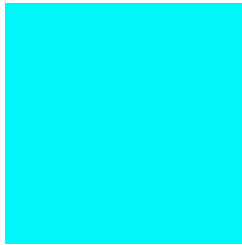


3997757



# Previews

## White Background



This preview shows how the Decimal color 63481 looks on a white background.

## Color Contrast Check

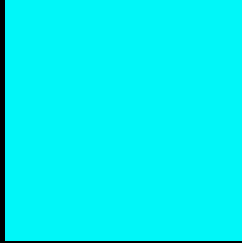
Large Text (above 18pt) WCAG AA × Fail

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 63481 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

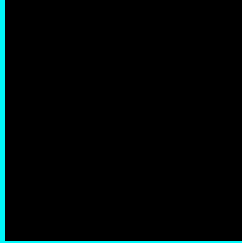
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 63481 Background



This preview shows how black text looks on a background with the Decimal color 63481.



This preview shows how white text looks on a background with the Decimal color 63481.

# 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**  
7860223

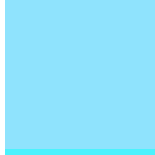
# Trichromacy



**Original Color**  
63481



**Protanomaly**  
9299438



**Deuteranomaly**  
9430013

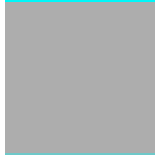


**Tritanomaly**  
5042941

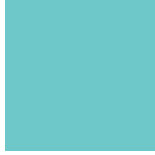
# Monochromacy



**Original Color**  
63481



**Achromatopsia**  
11382189



**Achromatomaly**  
7260361

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 63481 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 #00F7F9 looks like.

```
.text, #text, p{  
    color:#00F7F9  
}
```

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 #00F7F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F7F9
}
```

## Border

The CSS property to change the border of an element to Decimal 63481 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
#00F7F9 }
```

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

```
.border{ border-color:#00F7F9 }
```

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

Here you see how a box with a 4 pixel #00F7F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F7F9; -webkit-box-shadow:4px 4px  
4px 4px #00F7F9; box-shadow:4px 4px 4px  
4px #00F7F9 }
```

# Background

The CSS property to change the background color of an element to Decimal 63481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F7F9 }
```

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

```
.background{ background-color:#00F7F9 }
```

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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