

# Converting Colors

Decimal(36079)

Have a look what the booklet for  
Decimal(36079) contains.

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# Color

**Decimal(36079)**

# Conversions

## Conversions Part 1

Format	Color
Hex	008CEF
RGB	0, 140, 239
RGB Percent	0%, 55%, 94%
CMY	1.0000, 0.4510, 0.0627
CMYK	1.00, 0.41, 0.00, 0.06
HSL	205°, 100%, 47%
HSV	205°, 100%, 94%
XYZ	24.9581, 24.9882, 85.1691
YIQ	109.4260, -115.2190, 1.1090

# Conversions

## Conversions Part 2

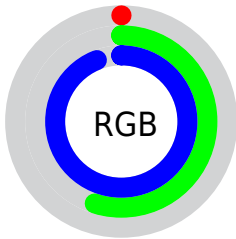
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 88, 239
Decimal	36079
CIE Lab	57.06, 5.25, -58.30
CIE LCh	57, 58.540, 275.145
Yxy	24.9882, 0.1847, 0.1849
Android (android.graphics.Color)	4278226159 (0xFF008CEF)
YUV	109.4260, 63.8800, -95.9666
Hunter-Lab	49.9882, 1.6421, -66.0258

# Details

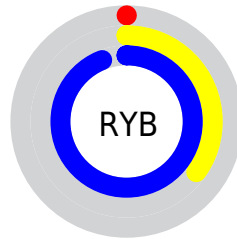
The Decimal color **36079** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **15688448**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **7127551**, and **23478** is the 20% darker color. If you saturate the color by 10%, you get **36079**, and if you desaturate by 10%, it is **1611503**.

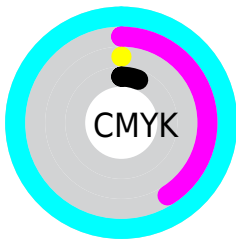
# Distribution



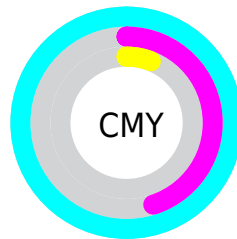
- Red (0%)
- Green (55%)
- Blue (94%)



- Red (0%)
- Yellow (35%)
- Blue (94%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (6%)




















- Cyan (100%)
- Magenta (45%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 36079 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 36079 by changing the saturation by 10% instead.



 36079	 36079
 16777215	 29650
 7127551	 23478
 9297407	 17563
 11401727	 12160
 13500415	 7271
 15532031	 2638
	 1334
	 544
	 4

■ 36079

■ 1611503

■ 3186927

■ 4762351

■ 6337775

■ 7847407

■ 9422831

■ 10998255

■ 12573679

■ 14149103

# Harmonies

## Analogous

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



39653



36079



9861341

# Triad

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



36079



14639697



40540

# Complementary

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



36079



15688448

# 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.



6723374



36079



12875304

# Square

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



36079



14964610



10193170



41361

# Rectangle

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



36079



12544196



10193170



3251275

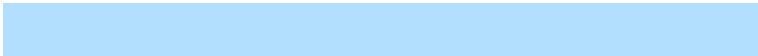


# Sweetspot

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



36079



11788287



61280



5401728



0



8421504

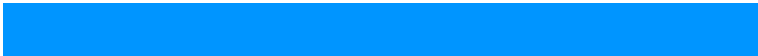


# Same Dimension

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



36079



38399



6383



7107448



27832



8504



# Inverse Universe

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



15663244



16711829



15718144



7892083



12058732



3670049



# Previews

## White Background



This preview shows how the Decimal color 36079 looks on a white background.

## Color Contrast Check

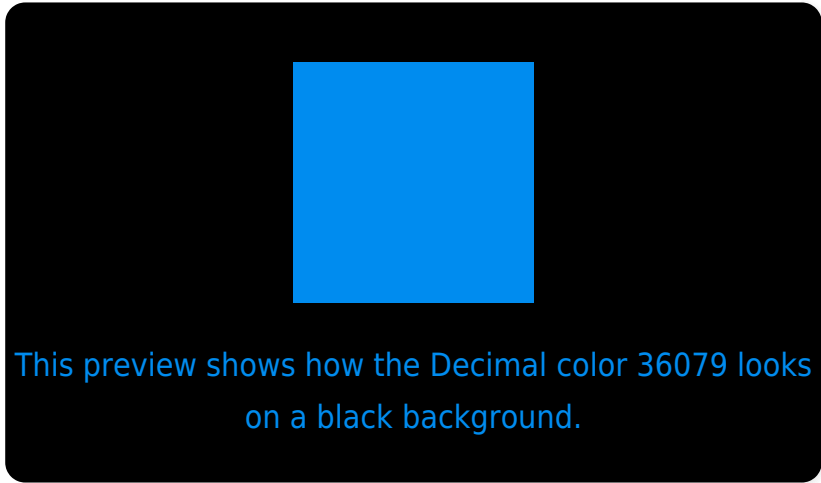
Large Text (above 18pt) WCAG AA ✓ Pass

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

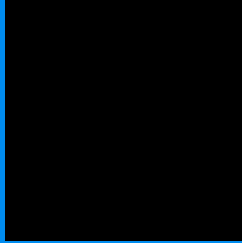
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

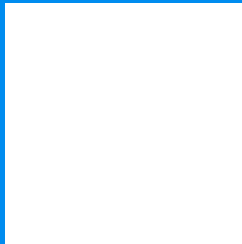
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 36079 Background



This preview shows how black text looks on a background with the Decimal color 36079.



This preview shows how white text looks on a background with the Decimal color 36079.

# 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](#).

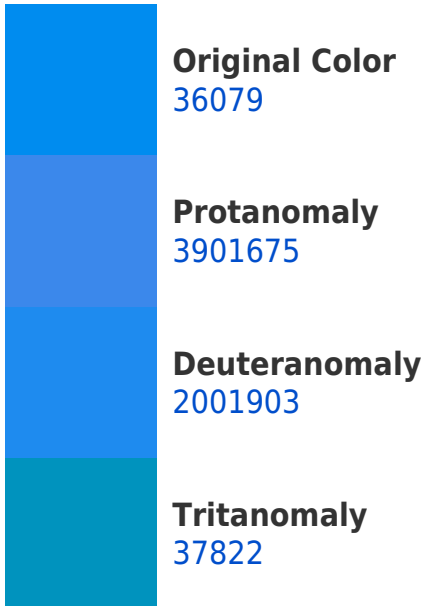
## Dichromacy



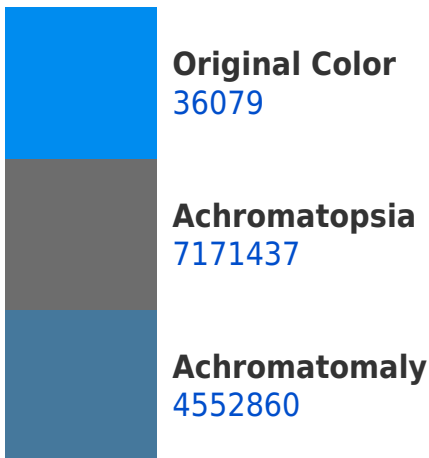


**Tritanopia**  
38818

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 36079 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 #008CEF looks like.

```
.text, #text, p{  
    color:#008CEF  
}
```

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 #008CEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008CEF
}
```

## Border

The CSS property to change the border of an element to Decimal 36079 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
#008CEF }
```

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

```
.border{ border-color:#008CEF }
```

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

Here you see how a box with a 4 pixel #008CEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008CEF; -webkit-box-shadow:4px 4px  
4px 4px #008CEF; box-shadow:4px 4px 4px  
4px #008CEF }
```

# Background

The CSS property to change the background color of an element to Decimal 36079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008CEF }
```

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

```
.background{ background-color:#008CEF }
```

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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