

# Converting Colors

Hex(36FCF0)

Have a look what the booklet for  
Hex(36FCF0) contains.

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# **Color**

**Hex(36FCF0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36FCF0
RGB	54, 252, 240
RGB Percent	21%, 99%, 94%
CMY	0.7882, 0.0118, 0.0588
CMYK	0.79, 0.00, 0.05, 0.01
HSL	176°, 97%, 60%
HSV	176°, 79%, 99%
XYZ	52.0599, 76.6963, 94.4981
YIQ	191.4300, -114.1560, -45.7080

# Conversions

## Conversions Part 2

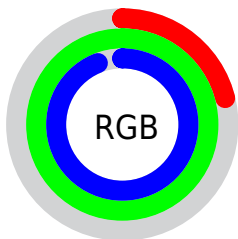
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 156, 252
Decimal	3603696
CIELab	90.18, -48.58, -7.70
CIELCh	90, 49.190, 189.008
Yxy	76.6963, 0.2332, 0.3435
Android (android.graphics.Color)	4281793776 (0xFF36FCF0)
YUV	191.4300, 23.9450, -120.5261
Hunter-Lab	87.5765, -47.1493, -2.6725

# Details

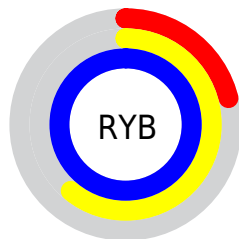
The Hex color **36FCF0** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **FC3642**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **86FFFF**, and **00C3B8** is the 20% darker color. If you saturate the color by 10%, you get **1DFCEE**, and if you desaturate by 10%, it is **4FFCF2**.

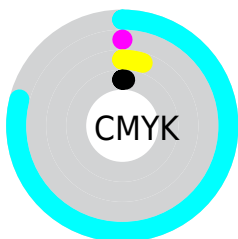
# Distribution



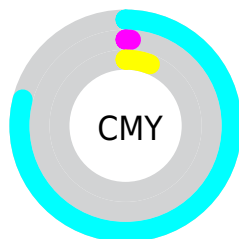
- Red (21%)
- Green (99%)
- Blue (94%)



- Red (21%)
- Yellow (61%)
- Blue (99%)



- Cyan (79%)
- Magenta (0%)
- Yellow (5%)
- Black (1%)



- Cyan (79%)
- Magenta (1%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 36FCF0 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 Hex color 36FCF0 by changing the saturation by 10% instead.



 36FCF0

 36FCF0

FFFFFF

 00DFD4

 86FFFF

 00C3B8

 A8FFFF

 00A79D

 C8FFFF

 008C83

 E8FFFF

 00716A

 005852

 003F3B

 002925

 000212

 36FCF0

 36FCF0

 1DFCEE

 4FFCF2

 04FCED

 68FCF3

 00FCED

 82FCF5

 9BFCF6

 B4FCF8

 CDFCF9

 E6FCFB

 FFFCFC

 FFFCFE

# Harmonies

## Analogous

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



85F9C0



36FCF0



00F9FF

# Triad

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



36FCF0



FBD1FF



FFD58B

# Complementary

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



36FCF0



FC3642

# 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.



FFC5AA



36FCF0



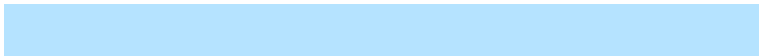
FFC3FF

# Square

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



36FCF0



B5E3FF



FFBED6



F4E584

# Rectangle

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



36FCF0



36F4FF



FFBED6



FFCF93

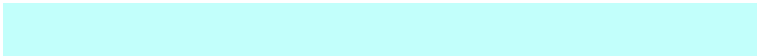


# Sweetspot

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



36FCF0



C2FFFB



43FC36



5B807D



000000



808080



# Same Dimension

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



36FCF0



0FFFF0



36A6FC



707D7C



00BDB1



003D39



# Inverse Universe

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



FC3642



FF0F1E



FC8C36



7D7071



BD000B

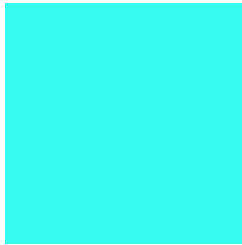


3D0004



# Previews

## White Background



This preview shows how the Hex color 36FCF0 looks on a white background.

## Color Contrast Check

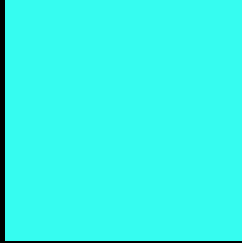
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 36FCF0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

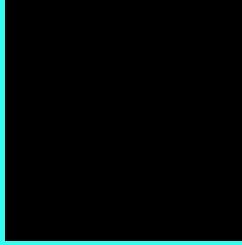
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 36FCF0 Background



This preview shows how black text looks on a background with the Hex color 36FCF0.



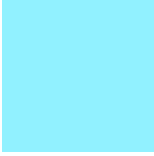
This preview shows how white text looks on a background with the Hex color 36FCF0.

# 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



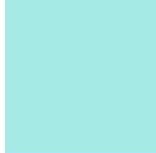


**Tritanopia**  
91F1FF

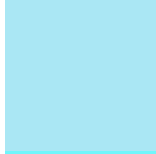
# Trichromacy



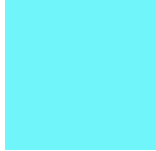
**Original Color**  
36FCF0



**Protanomaly**  
A5EAE5

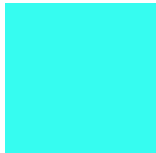


**Deuteranomaly**  
AAE7F4

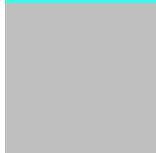


**Tritanomaly**  
70F5FA

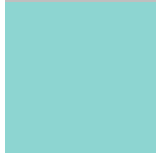
# Monochromacy



**Original Color**  
36FCF0



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
8DD5D1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 36FCF0 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 #36FCF0 looks like.

```
.text, #text, p{  
    color:#36FCF0  
}
```

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 #36FCF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36FCF0
}
```

## Border

The CSS property to change the border of an element to Hex 36FCF0 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
#36FCF0 }
```

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

```
.border{ border-color:#36FCF0 }
```

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

Here you see how a box with a 4 pixel #36FCF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36FCF0; -webkit-box-shadow:4px 4px  
4px 4px #36FCF0; box-shadow:4px 4px 4px  
4px #36FCF0 }
```

# Background

The CSS property to change the background color of an element to Hex 36FCF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36FCF0 }
```

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

```
.background{ background-color:#36FCF0 }
```

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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