

# Converting Colors

Hex(42F4CF)

Have a look what the booklet for  
Hex(42F4CF) contains.

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# Color

Hex(42F4CF)

# Conversions

## Conversions Part 1

Format	Color
Hex	42F4CF
RGB	66, 244, 207
RGB Percent	26%, 96%, 81%
CMY	0.7412, 0.0431, 0.1882
CMYK	0.73, 0.00, 0.15, 0.04
HSL	168°, 89%, 61%
HSV	168°, 73%, 96%
XYZ	45.8599, 70.3646, 70.1961
YIQ	186.5600, -94.2110, -49.2430

# Conversions

## Conversions Part 2

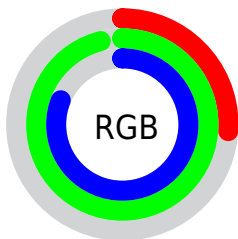
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	66, 165, 244
Decimal	4388047
CIELab	87.18, -52.56, 5.11
CIELCh	87, 52.805, 174.443
Yxy	70.3646, 0.2460, 0.3775
Android (android.graphics.Color)	4282578127 (0xFF42F4CF)
YUV	186.5600, 10.0769, -105.7311
Hunter-Lab	83.8836, -49.2088, 9.1030

# Details

The Hex color **42F4CF** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **F44267**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **8AFFFF**, and **00BB99** is the 20% darker color. If you saturate the color by 10%, you get **2AF4CA**, and if you desaturate by 10%, it is **5AF4D4**.

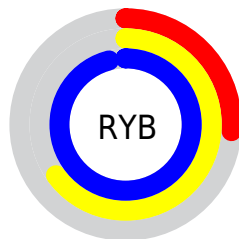
# Distribution



Red (26%)

Green (96%)

Blue (81%)



Red (26%)

Yellow (65%)

Blue (96%)

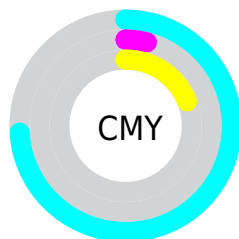


Cyan (73%)

Magenta (0%)

Yellow (15%)

Black (4%)



Cyan (74%)

Magenta (4%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 42F4CF 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 42F4CF by changing the saturation by 10% instead.



 42F4CF

 42F4CF


FFFFFF

 00D7B3

 8AFFFF

 00BB99

 AAFFFF

 009F7F

 C9FFFF

 008466

 E9FFFF

 006A4E

 005037

 003822

 00210C

 000000

 42F4CF

 42F4CF

 2AF4CA

 5AF4D4

 11F4C5

 73F4D9

 00F4C1

 8BF4DE

 A4F4E3

 BCF4E8

 D4F4ED

 EDF4F3

 FFF4F8

 FFF4FD

# Harmonies

## Analogous

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



95EF9E



42F4CF



00F4FF

# Triad

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



42F4CF



D1D1FF



FFC28A

# Complementary

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



42F4CF



F44267

# 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.



FFB5B4



42F4CF



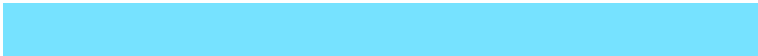
FFBEFF

# Square

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



42F4CF



76E2FF



FFB3E6



FFD475

# Rectangle

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



42F4CF



00F1FF



FFB3E6



FFBD96

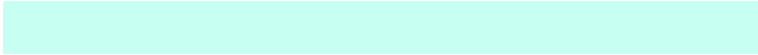


# Sweetspot

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



42F4CF



C7FFF3



69F442



5E8079



000000



808080



# Same Dimension

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



42F4CF



1FFFD0



42C2F4



6E7A78



00BA93



003B2E



# Inverse Universe

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



F44267



FF1F4D



F47442



7A6E71



BA0027

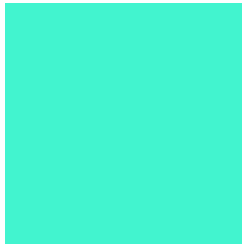


3B000C



# Previews

## White Background



This preview shows how the Hex color 42F4CF looks on a white background.

## Color Contrast Check

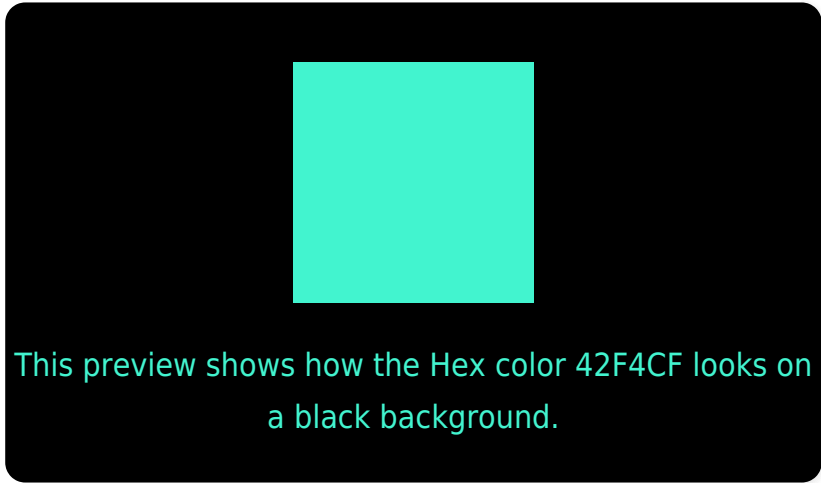
Large Text (above 18pt) WCAG AA × Fail

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

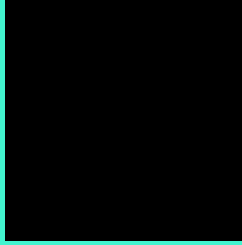
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 42F4CF Background



This preview shows how black text looks on a background with the Hex color 42F4CF.

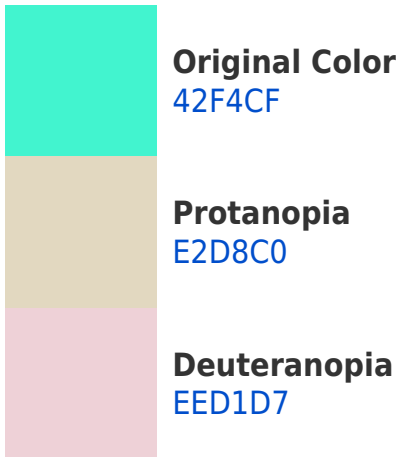


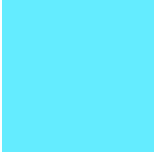
This preview shows how white text looks on a background with the Hex color 42F4CF.

# 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



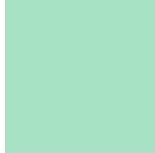


**Tritanopia**  
64ECFF

# Trichromacy



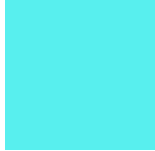
**Original Color**  
42F4CF



**Protanomaly**  
A8E2C5



**Deuteranomaly**  
AFDED4

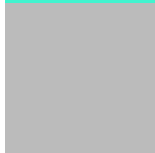


**Tritanomaly**  
58EFEE

# Monochromacy



**Original Color**  
42F4CF



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
8FD0C2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 42F4CF 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 #42F4CF looks like.

```
.text, #text, p{  
  color:#42F4CF  
}
```

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 #42F4CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42F4CF
}
```

## Border

The CSS property to change the border of an element to Hex 42F4CF 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
#42F4CF }
```

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

```
.border{ border-color:#42F4CF }
```

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

Here you see how a box with a 4 pixel #42F4CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42F4CF; -webkit-box-shadow:4px 4px  
4px 4px #42F4CF; box-shadow:4px 4px 4px  
4px #42F4CF }
```

# Background

The CSS property to change the background color of an element to Hex 42F4CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42F4CF }
```

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

```
.background{ background-color:#42F4CF }
```

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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