

# Converting Colors

Hex(42FFCB)

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

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# **Color**

**Hex(42FFCB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42FFCB
RGB	66, 255, 203
RGB Percent	26%, 100%, 80%
CMY	0.7412, 0.0000, 0.2039
CMYK	0.74, 0.00, 0.20, 0.00
HSL	163°, 100%, 63%
HSV	163°, 74%, 100%
XYZ	48.7863, 76.9900, 68.7892
YIQ	192.5610, -95.9520, -56.2400

# Conversions

## Conversions Part 2

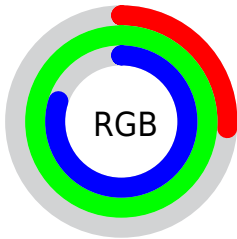
Format	Color
<a href="#">RYB</a>	<a href="#">66, 176, 255</a>
Decimal	<a href="#">4390859</a>
CIELab	<a href="#">90.32, -57.93, 11.69</a>
CIELCh	<a href="#">90, 59.097, 168.589</a>
Yxy	<a href="#">76.9900, 0.2507, 0.3957</a>
Android (android.graphics.Color)	<a href="#">4282580939 (0xFF42FFCB)</a>
YUV	<a href="#">192.5610, 5.1464, -110.9940</a>
Hunter-Lab	<a href="#">87.7440, -54.3047, 14.9388</a>

# Details

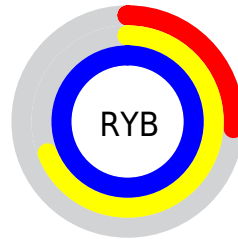
The Hex color **42FFCB** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF4276**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **8BFFFF**, and **00C595** is the 20% darker color. If you saturate the color by 10%, you get **28FFC4**, and if you desaturate by 10%, it is **5BFFD2**.

# Distribution



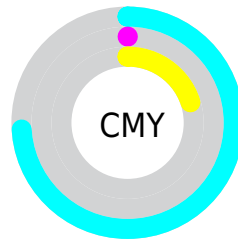
- Red (26%)
- Green (100%)
- Blue (80%)



- Red (26%)
- Yellow (69%)
- Blue (100%)



- Cyan (74%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (74%)
- Magenta (0%)
- Yellow (20%)

# Brightness & Saturation Gradients

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



 42FFCB

FFFFFF

 8BFFFF

 ACFFFF

 CBFFFF


 EBFFFF

 42FFCB

 00E2B0

 00C595

 00A97B

 008E62

 00734A

 005934

 00401E

 002907

 000200

 42FFCB

 42FFCB

 28FFC4

 5BFFD2

 0FFFBD

 75FFD9

 00FFB9

 8FFFE0

 A8FFE7

 C2FFEE

 DBFFF5

 F4FFFC

FFFFFF

# Harmonies

## Analogous

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



A2F896



42FFCB



00FFFF

# Triad

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



42FFCB



C6DDFF



FFC491

# Complementary

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



42FFCB



FF4276

# 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.



FFB6C2



42FFCB



FFC7FF

# Square

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



42FFCB



44F0FF



FFB7FB



FFD973

# Rectangle

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



42FFCB



00FEFF



FFB7FB



FFBEA0

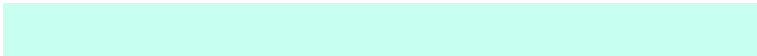


# Sweetspot

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



42FFCB



C7FFF0



78FF42



5E8076



000000



808080



# Same Dimension

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



42FFCB



1CFFC1



42D6FF



73807C



00BF8B



00402E



# Inverse Universe

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



FF4276



FF1C5A



FF6B42



807376



BF0035

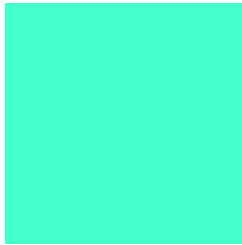


400012



# Previews

## White Background



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

## Color Contrast Check

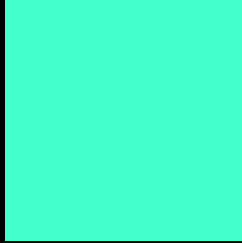
Large Text (above 18pt) WCAG AA × Fail

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 42FFCB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

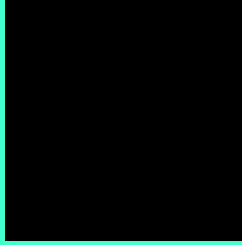
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 42FFCB Background



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

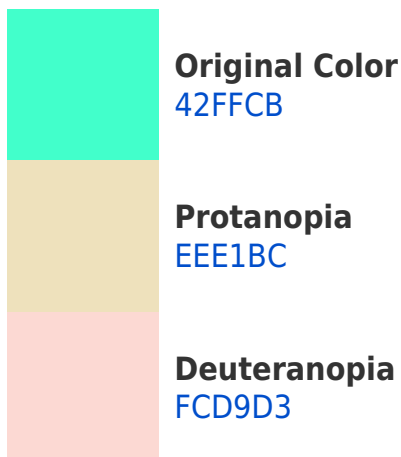


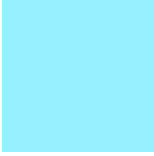
This preview shows how white text looks on a background with the Hex color 42FFCB.

# 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**  
96F0FF

# Trichromacy



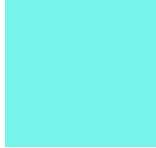
**Original Color**  
42FFCB



**Protanomaly**  
AFECC1



**Deuteranomaly**  
B8E7D0

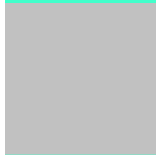


**Tritanomaly**  
77F5EC

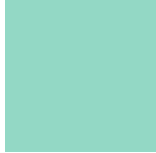
# Monochromacy



**Original Color**  
42FFCB



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
93D8C5

# CSS Examples

## Text

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

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

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 #42FFCB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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