

# Converting Colors

Hex(42FCD5)

Have a look what the booklet for  
Hex(42FCD5) contains.

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**Color**

**Hex(42FCD5)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 42FCD5                       |
| RGB         | 66, 252, 213                 |
| RGB Percent | 26%, 99%, 84%                |
| CMY         | 0.7412, 0.0118, 0.1647       |
| CMYK        | 0.74, 0.00, 0.15, 0.01       |
| HSL         | 167°, 97%, 62%               |
| HSV         | 167°, 74%, 99%               |
| XYZ         | 49.0674, 75.5832, 74.9537    |
| YIQ         | 191.9400, -98.3370, -51.5610 |

# Conversions

## Conversions Part 2

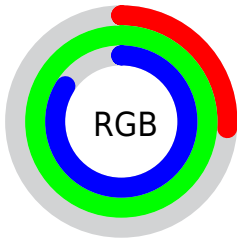
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">66, 170, 252</a>                 |
| Decimal                             | <a href="#">4390101</a>                      |
| CIELab                              | <a href="#">89.67, -54.35, 5.59</a>          |
| CIELCh                              | <a href="#">90, 54.639, 174.130</a>          |
| Yxy                                 | <a href="#">75.5832, 0.2458, 0.3787</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4282580181<br/>(0xFF42FCD5)</a>  |
| YUV                                 | <a href="#">191.9400, 10.3826, -110.4494</a> |
| Hunter-Lab                          | <a href="#">86.9386, -51.3986, 9.7404</a>    |

# Details

The Hex color **42FCD5** 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 **FC4269**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **8BFFFF**, and **00C29E** is the 20% darker color. If you saturate the color by 10%, you get **29FCD0**, and if you desaturate by 10%, it is **5BFCD4**.

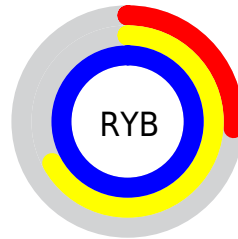
# Distribution



Red (26%)

Green (99%)

Blue (84%)



Red (26%)

Yellow (67%)

Blue (99%)

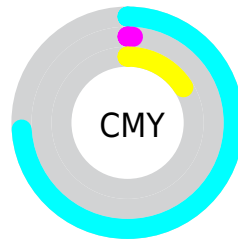


Cyan (74%)

Magenta (0%)

Yellow (15%)

Black (1%)



Cyan (74%)

Magenta (1%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 42FCD5 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 42FCD5 by changing the saturation by 10% instead.



 42FCD5

 42FCD5

FFFFFF

 00DFB9

 8BFFFF

 00C29E

 ACFFFF

 00A684

 CBFFFF

 008B6B

 EBFFFF

 007153

 00573C

 003E26

 002712

 000000

 42FCD5

 42FCD5

 29FCD0

 5BFCDA

 10FCCA

 74FCE0

 00FCC7

 8EFCE5

 A7FCEA

 C0FCEF

 D9FCF5

 F2FCFA

 FFF0FF

# Harmonies

## Analogous

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



9AF6A2



42FCD5



00FCFF

# Triad

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



42FCD5



D7D8FF



FFC88E

# Complementary

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



42FCD5



FC4269

# 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.



FFBAB9



42FCD5



FFC4FF

# Square

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



42FCD5



77EAFF



FFB8EE



FFDB78

# Rectangle

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



42FCD5



00F9FF



FFB8EE



FFC39B

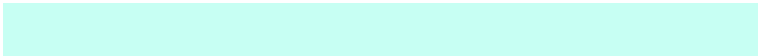


# Sweetspot

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



42FCD5



C7FFF3



6AFC42



5E8079



000000



808080



# Same Dimension

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



42FCD5



1CFFCF



42C7FC



707D7A



00BD95



003D30



# Inverse Universe

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



FC4269



FF1C4C



FC7742



7D7073



BD0028

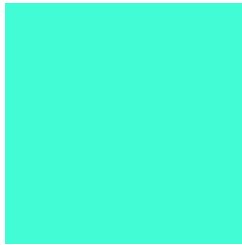


3D000D



# Previews

## White Background



This preview shows how the Hex color 42FCD5 looks on a white background.

## Color Contrast Check

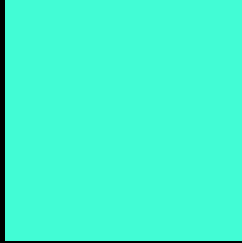
Large Text (above 18pt) WCAG AA × Fail

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 42FCD5 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

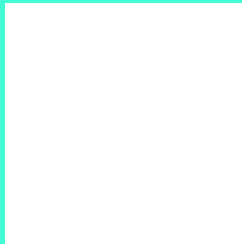
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 42FCD5 Background



This preview shows how black text looks on a background with the Hex color 42FCD5.

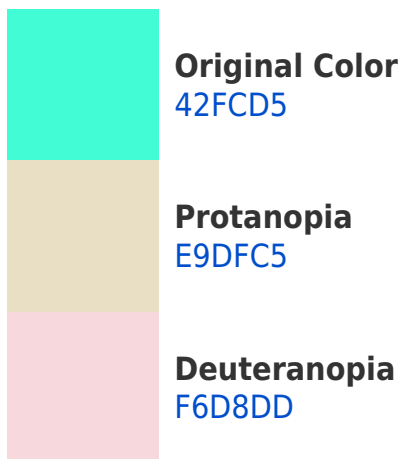


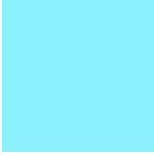
This preview shows how white text looks on a background with the Hex color 42FCD5.

# 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**  
8DF0FF

# Trichromacy



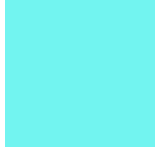
**Original Color**  
42FCD5



**Protanomaly**  
ACEACB



**Deuteranomaly**  
B5E5DA

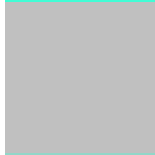


**Tritanomaly**  
72F4F0

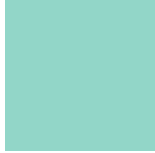
# Monochromacy



**Original Color**  
42FCD5



**Achromatopsia**  
C0C0C0



**Achromatomaly**  
92D6C8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 42FCD5 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 #42FCD5 looks like.

```
.text, #text, p{  
    color:#42FCD5  
}
```

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 #42FCD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42FCD5
}
```

## Border

The CSS property to change the border of an element to Hex 42FCD5 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
#42FCD5 }
```

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

```
.border{ border-color:#42FCD5 }
```

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

Here you see how a box with a 4 pixel #42FCD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42FCD5; -webkit-box-shadow:4px 4px  
4px 4px #42FCD5; box-shadow:4px 4px 4px  
4px #42FCD5 }
```

# Background

The CSS property to change the background color of an element to Hex 42FCD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42FCD5 }
```

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

```
.background{ background-color:#42FCD5 }
```

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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