

# Converting Colors

Hex(72FFCC)

Have a look what the booklet for  
Hex(72FFCC) contains.

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# **Color**

**Hex(72FFCC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72FFCC
RGB	114, 255, 204
RGB Percent	45%, 100%, 80%
CMY	0.5529, 0.0000, 0.2000
CMYK	0.55, 0.00, 0.20, 0.00
HSL	158°, 100%, 72%
HSV	158°, 55%, 100%
XYZ	53.5985, 79.4570, 69.6385
YIQ	207.0270, -67.6650, -45.7530

# Conversions

## Conversions Part 2

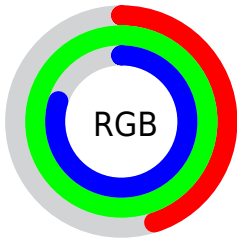
Format	Color
<a href="#">RYB</a>	<a href="#">114, 200, 255</a>
Decimal	<a href="#">7536588</a>
CIELab	<a href="#">91.44, -50.02, 12.93</a>
CIELCh	<a href="#">91, 51.663, 165.510</a>
Yxy	<a href="#">79.4570, 0.2644, 0.3920</a>
Android (android.graphics.Color)	<a href="#">4285726668 (0xFF72FFCC)</a>
YUV	<a href="#">207.0270, -1.4923, -81.5847</a>
Hunter-Lab	<a href="#">89.1387, -48.6618, 16.0775</a>

# Details

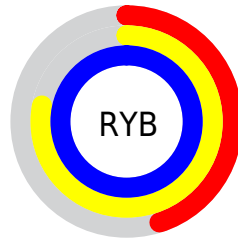
The Hex color **72FFCC** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF72A5**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **AFFFFFF**, and **2BC596** is the 20% darker color. If you saturate the color by 10%, you get **59FFC3**, and if you desaturate by 10%, it is **8CFFD5**.

# Distribution



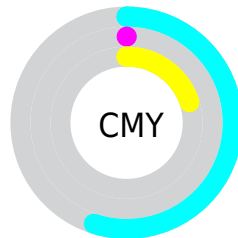
- Red (45%)
- Green (100%)
- Blue (80%)



- Red (45%)
- Yellow (78%)
- Blue (100%)



- Cyan (55%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (55%)
- Magenta (0%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72FFCC 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 72FFCC by changing the saturation by 10% instead.



 72FFCC

FFFFFF

 AFFFFF

 CDFFFF

 ECFFFF

 72FFCC

 52E2B1

 2BC596

 00AA7C

 008E63

 00744B

 005A34

 00421F

 002C08

 000A00

 72FFCC

 72FFCC

 59FFC3

 8CFFD5

 3FFFBA

 A5FFDE

 25FFB0

 BFFFE8

 0CFFA7

 D8FFF1

 00FFA3

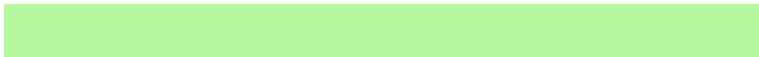
 F2FFFA

FFFFFF

# Harmonies

## Analogous

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



B5F89F



72FFCC



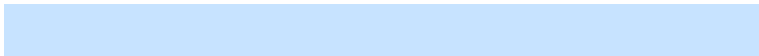
00FFFF

# Triad

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



72FFCC



C7E3FF



FFCAA2

# Complementary

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



72FFCC



FF72A5

# 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.



FFC0CE



72FFCC



FFD0FF

# Square

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



72FFCC



6AF2FF



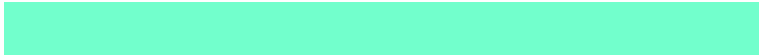
FFC2FF



FFDB86

# Rectangle

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



72FFCC



00FFFF



FFC2FF



FFC6AF

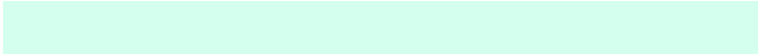


# Sweetspot

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



72FFCC



D4FFEF



A6FF72



668076



000000

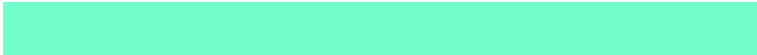


808080



# Same Dimension

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



72FFCC



57FFC2



72ECFF



73807B



00BF7A



004029



# Inverse Universe

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



FF72A5



FF5794



FF8572



807377



BF0045

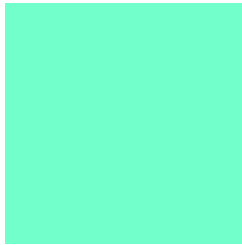


400017



# Previews

## White Background



This preview shows how the Hex color 72FFCC looks on a white background.

## Color Contrast Check

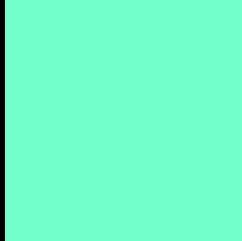
Large Text (above 18pt) WCAG AA × Fail

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 72FFCC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

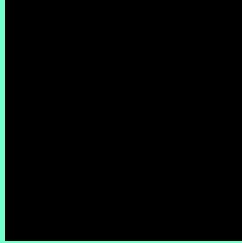
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 72FFCC Background



This preview shows how black text looks on a background with the Hex color 72FFCC.

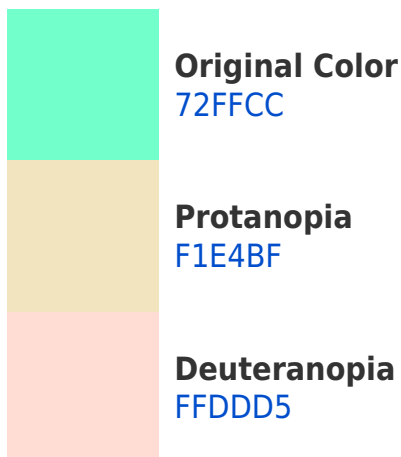


This preview shows how white text looks on a background with the Hex color 72FFCC.

# 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**  
ACF1FF

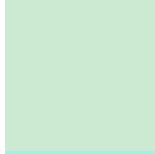
# Trichromacy



**Original Color**  
72FFCC



**Protanomaly**  
C3EEC4



**Deuteranomaly**  
CCE9D2

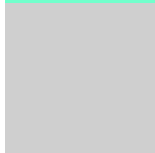


**Tritanomaly**  
97F6EC

# Monochromacy



**Original Color**  
72FFCC



**Achromatopsia**  
CFCFCF



**Achromatomaly**  
ADE0CE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72FFCC 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 #72FFCC looks like.

```
.text, #text, p{  
    color:#72FFCC  
}
```

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 #72FFCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72FFCC }  
}
```

## Border

The CSS property to change the border of an element to Hex 72FFCC 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 #72FFCC }  
}
```

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

```
.border{ border-color:#72FFCC }
```

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

Here you see how a box with a 4 pixel #72FFCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72FFCC; -webkit-box-shadow:4px 4px  
4px 4px #72FFCC; box-shadow:4px 4px 4px  
4px #72FFCC }
```

# Background

The CSS property to change the background color of an element to Hex 72FFCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72FFCC }
```

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

```
.background{ background-color:#72FFCC }
```

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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