

# Converting Colors

Hex(74F2C0)

Have a look what the booklet for  
Hex(74F2C0) contains.

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# Color

Hex(74F2C0)

# Conversions

## Conversions Part 1

Format	Color
Hex	74F2C0
RGB	116, 242, 192
RGB Percent	45%, 95%, 75%
CMY	0.5451, 0.0510, 0.2471
CMYK	0.52, 0.00, 0.21, 0.05
HSL	156°, 83%, 70%
HSV	156°, 52%, 95%
XYZ	48.4690, 71.0230, 61.0234
YIQ	198.6260, -59.0460, -42.2620

# Conversions

## Conversions Part 2

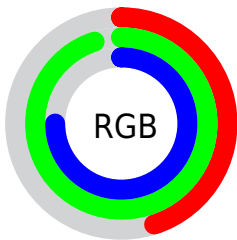
Format	Color
<a href="#">RYB</a>	<a href="#">116, 195, 242</a>
Decimal	<a href="#">7664320</a>
CIELab	<a href="#">87.50, -46.64, 13.55</a>
CIElCh	<a href="#">87, 48.567, 163.804</a>
Yxy	<a href="#">71.0230, 0.2685, 0.3934</a>
Android (android.graphics.Color)	<a href="#">4285854400 (0xFF74F2C0)</a>
YUV	<a href="#">198.6260, -3.2666, -72.4630</a>
Hunter-Lab	<a href="#">84.2752, -44.8212, 16.0609</a>

# Details

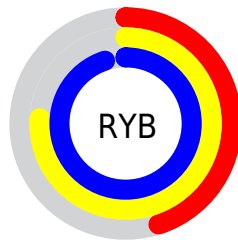
The Hex color **74F2C0** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F274A6**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **AFFFF8**, and **33B98A** is the 20% darker color. If you saturate the color by 10%, you get **5CF2B6**, and if you desaturate by 10%, it is **8CF2CA**.

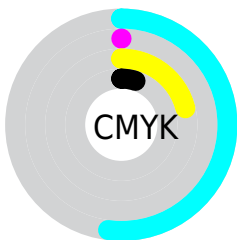
# Distribution



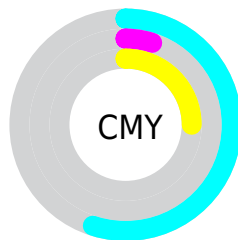
- Red (45%)
- Green (95%)
- Blue (75%)



- Red (45%)
- Yellow (76%)
- Blue (95%)



- Cyan (52%)
- Magenta (0%)
- Yellow (21%)
- Black (5%)



- Cyan (55%)
- Magenta (5%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74F2C0 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 74F2C0 by changing the saturation by 10% instead.



 74F2C0

 74F2C0

FFFFFF

 55D5A5

 AFFFF8

 33B98A


 CDFFFF

 009E71

 EBFFFF

 008358

 006941

 00502B

 003716

 002100

 000000

 74F2C0

 74F2C0

 5CF2B6

 8CF2CA

 44F2AD

 A4F2D3

 2BF2A3

 BDF2DD

 13F29A

 D5F2E6

 00F292

 EDF2F0

 FFF2FA

 FFF2FF

# Harmonies

## Analogous

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



B1EB97



74F2C0



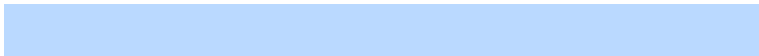
14F4F0

# Triad

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



74F2C0



BAD9FF



FFC09D

# Complementary

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



74F2C0



F274A6

# 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.



FFB7C7



74F2C0



FBC7FF

# Square

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



74F2C0



64E7FF



FFBAF6



FFD083

# Rectangle

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



74F2C0



00F2FF



FFBAF6



FFBCAA

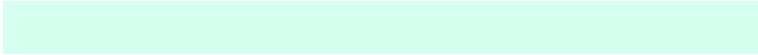


# Sweetspot

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



74F2C0



D6FFEF



A6F274



678076



000000



808080



# Same Dimension

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



74F2C0



61FFC0



74E5F2



6C7873



00B86F



003822



# Inverse Universe

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



F274A6



FF61A0



F28174



786C71



B80049

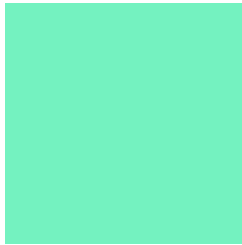


380016



# Previews

## White Background



This preview shows how the Hex color 74F2C0 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

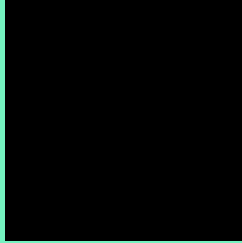
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 74F2C0 Background



This preview shows how black text looks on a background with the Hex color 74F2C0.

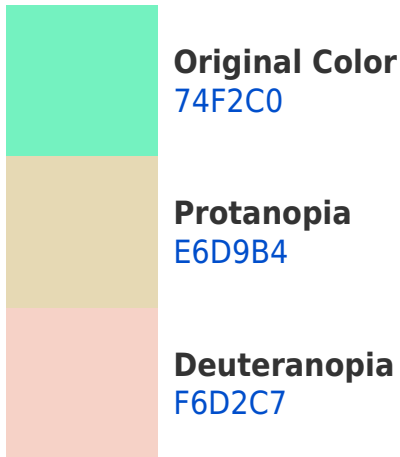


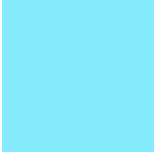
This preview shows how white text looks on a background with the Hex color 74F2C0.

# 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**  
86EAFD

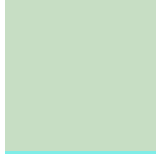
# Trichromacy



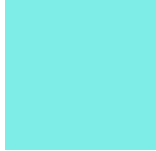
**Original Color**  
74F2C0



**Protanomaly**  
BDE2B8

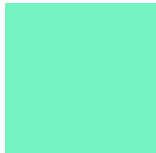


**Deuteranomaly**  
C7DEC4

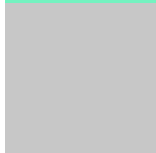


**Tritanomaly**  
7FEDE7

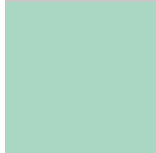
# Monochromacy



**Original Color**  
74F2C0



**Achromatopsia**  
C7C7C7



**Achromatomaly**  
A9D7C4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74F2C0 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 #74F2C0 looks like.

```
.text, #text, p{  
    color:#74F2C0  
}
```

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 #74F2C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74F2C0
}
```

## Border

The CSS property to change the border of an element to Hex 74F2C0 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
#74F2C0 }
```

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

```
.border{ border-color:#74F2C0 }
```

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

Here you see how a box with a 4 pixel #74F2C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74F2C0; -webkit-box-shadow:4px 4px  
4px 4px #74F2C0; box-shadow:4px 4px 4px  
4px #74F2C0 }
```

# Background

The CSS property to change the background color of an element to Hex 74F2C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74F2C0 }
```

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

```
.background{ background-color:#74F2C0 }
```

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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