

Converting Colors

Hex(71F6D2)

Have a look what the booklet for
Hex(71F6D2) contains.

Hex(71F6D2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(71F6D2)

Conversions

Conversions Part 1

Format	Color
Hex	71F6D2
RGB	113, 246, 210
RGB Percent	44%, 96%, 82%
CMY	0.5569, 0.0353, 0.1765
CMYK	0.54, 0.00, 0.15, 0.04
HSL	164°, 88%, 70%
HSV	164°, 54%, 96%
XYZ	51.3987, 74.0754, 72.5618
YIQ	202.1290, -67.7120, -39.3920

Conversions

Conversions Part 2

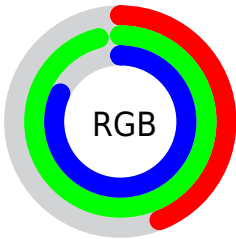
Format	Color
RYB	113, 190, 246
Decimal	7468754
CIELab	88.96, -45.05, 6.27
CIELCh	89, 45.483, 172.079
Yxy	74.0754, 0.2595, 0.3741
Android (android.graphics.Color)	4285658834 (0xFF71F6D2)
YUV	202.1290, 3.8804, -78.1661
Hunter-Lab	86.0671, -44.0183, 10.2605

Details

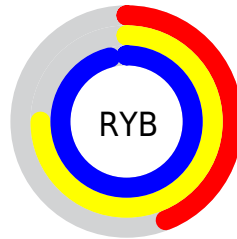
The Hex color **71F6D2** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F67195**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **ADFFFF**, and **2CBD9C** is the 20% darker color. If you saturate the color by 10%, you get **58F6CB**, and if you desaturate by 10%, it is **8AF6D9**.

Distribution



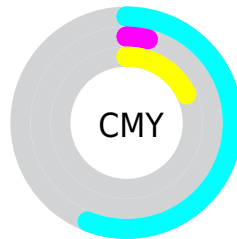
- Red (44%)
- Green (96%)
- Blue (82%)



- Red (44%)
- Yellow (75%)
- Blue (96%)



- Cyan (54%)
- Magenta (0%)
- Yellow (15%)
- Black (4%)



- Cyan (56%)
- Magenta (4%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71F6D2 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 71F6D2 by changing the saturation by 10% instead.

 71F6D2

 71F6D2

FFFFFF

 51D9B6

 ADFFFF

 2CBD9C

 CBFFFF

 00A182

 EAFFFF

 008768

 006C50

 005339

 003B24

 00260F

 000000

 71F6D2

 71F6D2

 58F6CB

 8AF6D9

 40F6C5

 A2F6DF

 27F6BE

 BBF6E6

 0FF6B7

 D3F6ED

 00F6B3

 ECF6F3

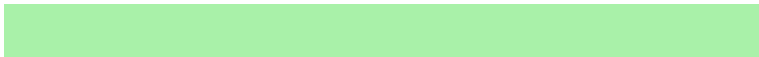
 FFF6FA

 FFF6FF

Harmonies

Analogous

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



A9F1A9



71F6D2



35F6FF

Triad

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



71F6D2



D4D8FF



FFCA9D

Complementary

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



71F6D2



F67195

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.



FFBFC1



71F6D2



FFC9FF

Square

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



71F6D2



8DE7FF



FFBFED



FFD989

Rectangle

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



71F6D2



2EF4FF



FFBFED



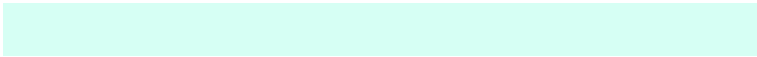
FFC6A7

Sweetspot

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



71F6D2



D6FFF4



97F671



678079



000000



808080

Same Dimension

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



71F6D2



59FFD2



71D9F6



6E7A77



00BA88



003B2B

Inverse Universe

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



F67195



FF5986



F68E71



7A6E71



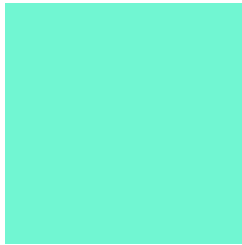
BA0032



3B0010

Previews

White Background



This preview shows how the Hex color 71F6D2 looks on a white background.

Color Contrast Check

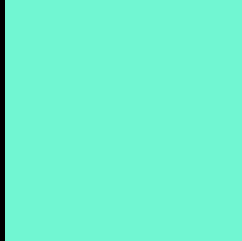
Large Text (above 18pt) WCAG AA × Fail

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 71F6D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

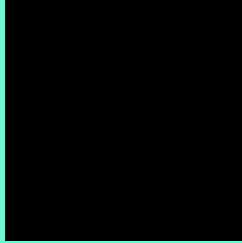
Any Text WCAG AA ✓ Pass

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 71F6D2 Background



This preview shows how black text looks on a background with the Hex color 71F6D2.

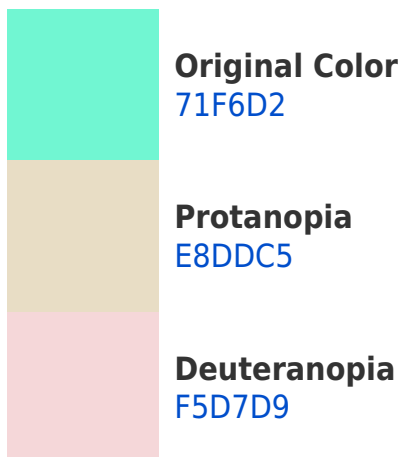


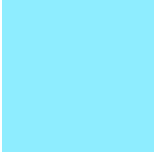
This preview shows how white text looks on a background with the Hex color 71F6D2.

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





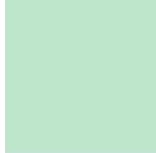
Tritanopia
8EEDFF

Trichromacy



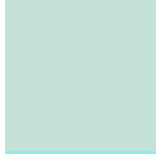
Original Color

71F6D2



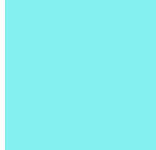
Protanomaly

BDE6CA



Deuteranomaly

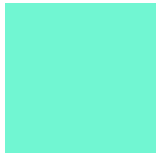
C5E2D6



Tritanomaly

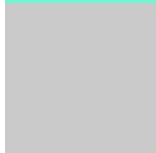
83F0EF

Monochromacy



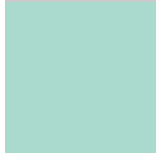
Original Color

71F6D2



Achromatopsia

CACACA



Achromatomaly

AADACD

CSS Examples

Text

The CSS property to change the color of the text to Hex 71F6D2 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 #71F6D2 looks like.

```
.text, #text, p{  
    color:#71F6D2  
}
```

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 #71F6D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71F6D2
}
```

Border

The CSS property to change the border of an element to Hex 71F6D2 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
#71F6D2 }
```

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

```
.border{ border-color:#71F6D2 }
```

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

Here you see how a box with a 4 pixel #71F6D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71F6D2; -webkit-box-shadow:4px 4px  
4px 4px #71F6D2; box-shadow:4px 4px 4px  
4px #71F6D2 }
```

Background

The CSS property to change the background color of an element to Hex 71F6D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71F6D2 }
```

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

```
.background{ background-color:#71F6D2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor