

# Converting Colors

Hex(72FDF1)

Have a look what the booklet for  
Hex(72FDF1) contains.

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# **Color**

**Hex(72FDF1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72FDF1
RGB	114, 253, 241
RGB Percent	45%, 99%, 95%
CMY	0.5529, 0.0078, 0.0549
CMYK	0.55, 0.00, 0.05, 0.01
HSL	175°, 97%, 72%
HSV	175°, 55%, 99%
XYZ	57.9419, 80.1788, 95.6413
YIQ	210.0710, -78.9920, -33.2000

# Conversions

## Conversions Part 2

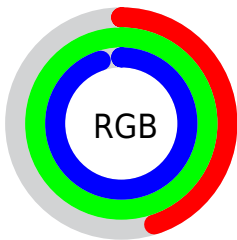
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 187, 253
Decimal	7536113
CIELab	91.77, -40.55, -5.74
CIELCh	92, 40.952, 188.054
Yxy	80.1788, 0.2479, 0.3430
Android (android.graphics.Color)	4285726193 (0xFF72FDF1)
YUV	210.0710, 15.2480, -84.2543
Hunter-Lab	89.5426, -41.1946, -0.6483

# Details

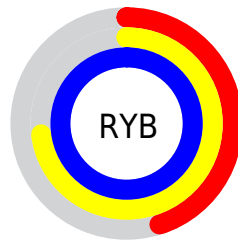
The Hex color **72FDF1** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FD727E**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **B0FFFF**, and **27C4B9** is the 20% darker color. If you saturate the color by 10%, you get **59FDEF**, and if you desaturate by 10%, it is **8BFDF3**.

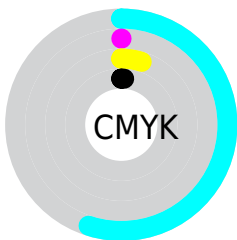
# Distribution



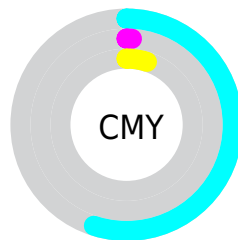
- Red (45%)
- Green (99%)
- Blue (95%)



- Red (45%)
- Yellow (73%)
- Blue (99%)



- Cyan (55%)
- Magenta (0%)
- Yellow (5%)
- Black (1%)



- Cyan (55%)
- Magenta (1%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72FDF1 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 72FDF1 by changing the saturation by 10% instead.



 72FDF1

FFFFFF

 B0FFFF

 CFFFFFF

 EDFFFF

 72FDF1

 51E0D5

 27C4B9

 00A89E

 008D84

 00736B

 005A53

 00413C

 002B26

 000D12

 72FDF1

 72FDF1

 59FDEF

 8BFDF3

 3FFDED

 A5FDF5

 26FDEA

 BEFDF8

 0DFDE8

 D7FDFA

 00FDE7

 F1FDFC

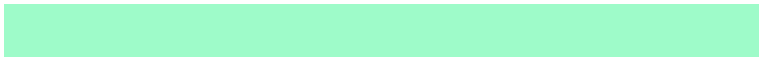
 FFFDFE

 FFFDFF

# Harmonies

## Analogous

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



9EFBC9



72FDF1



61FBFF

# Triad

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



72FDF1



FAD9FF



FFDB9F

# Complementary

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



72FDF1



FD727E

# 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.



FFCFB9



72FDF1



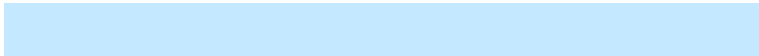
FFCEFF

# Square

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



72FDF1



C3E8FF



FFCADE



F8E899

# Rectangle

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



72DFD1



75F6FF



FFCADE



FFD7A6



# Sweetspot

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



72FDF1



D6FFFB



80FD72



67807D



000000



808080



# Same Dimension

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



72DFD1



57FFF0



72C5FD



73807E



00BFAF



00403A



# Inverse Universe

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



FD727E



FF5765



FDAA72



807374



BF0011

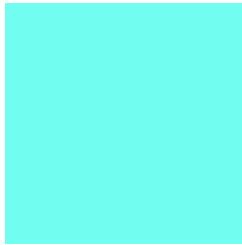


400006



# Previews

## White Background



This preview shows how the Hex color 72FDF1 looks on a white background.

## Color Contrast Check

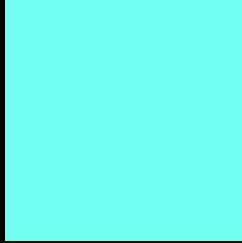
Large Text (above 18pt) WCAG AA × Fail

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 72FDF1 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 72FDF1 Background



This preview shows how black text looks on a background with the Hex color 72FDF1.

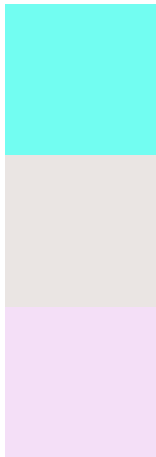


This preview shows how white text looks on a background with the Hex color 72FDF1.

# 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](#).

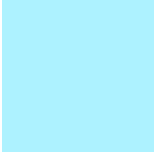
## Dichromacy



**Original Color**  
72FDF1

**Protanopia**  
EAE5E3

**Deuteranopia**  
F4DFF7

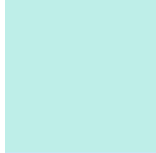


**Tritanopia**  
ADF2FF

# Trichromacy



**Original Color**  
72FDF1



**Protanomaly**  
BEEEE8

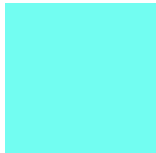


**Deuteranomaly**  
C5EAF5

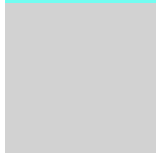


**Tritanomaly**  
98F6FA

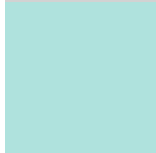
# Monochromacy



**Original Color**  
72FDF1



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
AFE2DD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72FDF1 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 #72FDF1 looks like.

```
.text, #text, p{  
    color:#72FDF1  
}
```

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 #72FDF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72FDF1
}
```

## Border

The CSS property to change the border of an element to Hex 72FDF1 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
#72FDF1 }
```

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

```
.border{ border-color:#72FDF1 }
```

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

Here you see how a box with a 4 pixel #72FDF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72FDF1; -webkit-box-shadow:4px 4px  
4px 4px #72FDF1; box-shadow:4px 4px 4px  
4px #72FDF1 }
```

# Background

The CSS property to change the background color of an element to Hex 72FDF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72FDF1 }
```

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

```
.background{ background-color:#72FDF1 }
```

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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