

# Converting Colors

Hex(73F9F1)

Have a look what the booklet for  
Hex(73F9F1) contains.

|  |    |
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# **Color**

**Hex(73F9F1)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 73F9F1                       |
| RGB         | 115, 249, 241                |
| RGB Percent | 45%, 98%, 95%                |
| CMY         | 0.5490, 0.0235, 0.0549       |
| CMYK        | 0.54, 0.00, 0.03, 0.02       |
| HSL         | 176°, 92%, 71%               |
| HSV         | 176°, 54%, 98%               |
| XYZ         | 56.8231, 77.7471, 95.2309    |
| YIQ         | 208.0220, -77.2960, -30.8960 |

# Conversions

## Conversions Part 2

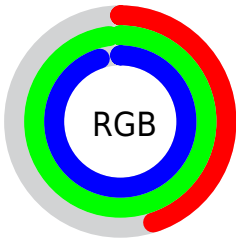
| <b>Format</b>                       | <b>Color</b>                                |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">115, 184, 249</a>               |
| Decimal                             | <a href="#">7600625</a>                     |
| CIELab                              | <a href="#">90.66, -38.55, -7.36</a>        |
| CIELCh                              | <a href="#">91, 39.247, 190.810</a>         |
| Yxy                                 | <a href="#">77.7471, 0.2473, 0.3383</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4285790705<br/>(0xFF73F9F1)</a> |
| YUV                                 | <a href="#">208.0220, 16.2582, -81.5803</a> |
| Hunter-Lab                          | <a href="#">88.1743, -39.2724, -2.3130</a>  |

# Details

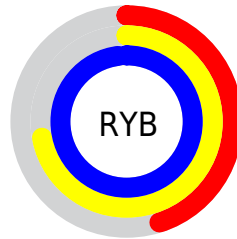
The Hex color **73F9F1** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F9737B**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **B1FFFF**, and **2BC0B9** is the 20% darker color. If you saturate the color by 10%, you get **5AF9F0**, and if you desaturate by 10%, it is **8CF9F2**.

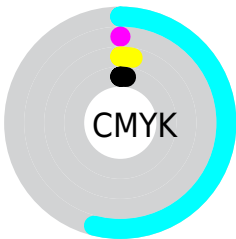
# Distribution



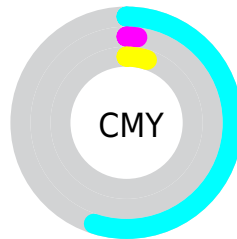
- Red (45%)
- Green (98%)
- Blue (95%)



- Red (45%)
- Yellow (72%)
- Blue (98%)



- Cyan (54%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)



- Cyan (55%)
- Magenta (2%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73F9F1 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 73F9F1 by changing the saturation by 10% instead.



 73F9F1

 73F9F1

FFFFFF

 52DCD5

 B1FFFF

 2BC0B9

 CFFFFFF

 00A49E

 EFFFFFF

 008A84

 00706B

 005753

 003E3C

 002926

 000512

 73F9F1

 73F9F1

 5AF9F0

 8CF9F2

 41F9EE

 A5F9F4

 28F9ED

 BEF9F5

 0FF9EB

 D7F9F7

 00F9EA

 F0F9F8

 FFF9FA

 FFF9FB

 FFF9FD

 FFF9FE

# Harmonies

## Analogous

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



9BF7CA



73F9F1



69F6FF

# Triad

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



73F9F1



FBD6FF



FFDA9E

# Complementary

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



73F9F1



F9737B

# 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.



FFCEB5



73F9F1



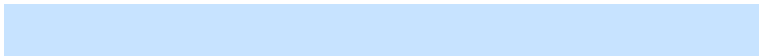
FFCBFE

# Square

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



73F9F1



C7E3FF



FFC8D8



F1E69A

# Rectangle

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



73F9F1



7EF2FF



FFC8D8



FFD5A4

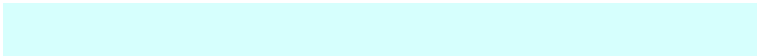


# Sweetspot

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



73F9F1



D6FFFD



7CF973



67807E



000000



808080



# Same Dimension

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



73F9F1



59FFF5



73BFF9



707D7C



00BDB1



003D3A



# Inverse Universe

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



F9737B



FF5963



F9AD73



7D7071



BD000B

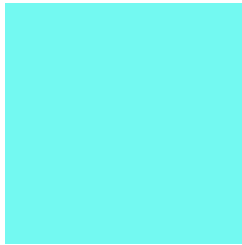


3D0004



# Previews

## White Background



This preview shows how the Hex color 73F9F1 looks on a white background.

## Color Contrast Check

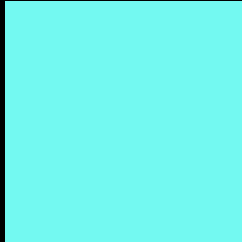
Large Text (above 18pt) WCAG AA × Fail

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 73F9F1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

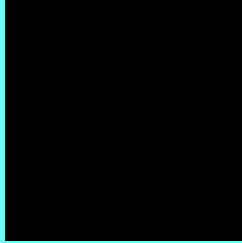
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 73F9F1 Background



This preview shows how black text looks on a background with the Hex color 73F9F1.

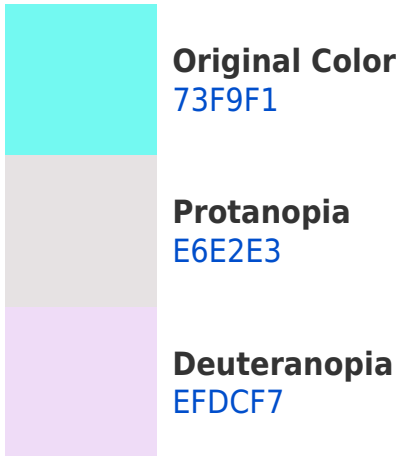


This preview shows how white text looks on a background with the Hex color 73F9F1.

# 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**  
A1F0FF

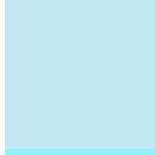
# Trichromacy



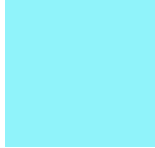
**Original Color**  
73F9F1



**Protanomaly**  
BCEAE8



**Deuteranomaly**  
C2E7F5

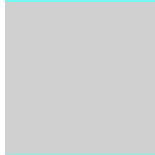


**Tritanomaly**  
90F3FA

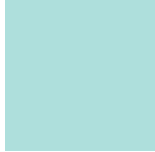
# Monochromacy



**Original Color**  
73F9F1



**Achromatopsia**  
D0D0D0



**Achromatomaly**  
AEDFDC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73F9F1 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 #73F9F1 looks like.

```
.text, #text, p{  
    color:#73F9F1  
}
```

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 #73F9F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73F9F1
}
```

## Border

The CSS property to change the border of an element to Hex 73F9F1 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
#73F9F1 }
```

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

```
.border{ border-color:#73F9F1 }
```

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

Here you see how a box with a 4 pixel #73F9F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73F9F1; -webkit-box-shadow:4px 4px  
4px 4px #73F9F1; box-shadow:4px 4px 4px  
4px #73F9F1 }
```

# Background

The CSS property to change the background color of an element to Hex 73F9F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73F9F1 }
```

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

```
.background{ background-color:#73F9F1 }
```

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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