

# Converting Colors

Hex(7FE9F2)

Have a look what the booklet for  
Hex(7FE9F2) contains.

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# **Color**

**Hex(7FE9F2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FE9F2
RGB	127, 233, 242
RGB Percent	50%, 91%, 95%
CMY	0.5020, 0.0863, 0.0510
CMYK	0.48, 0.04, 0.00, 0.05
HSL	185°, 82%, 72%
HSV	185°, 48%, 95%
XYZ	53.9183, 69.2007, 94.5197
YIQ	202.3320, -66.0650, -19.6730

# Conversions

## Conversions Part 2

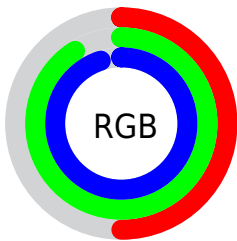
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 182, 242
Decimal	8382962
CIE <sub>Lab</sub>	86.60, -28.35, -13.89
CIE <sub>LCh</sub>	87, 31.567, 206.096
Yxy	69.2007, 0.2477, 0.3180
Android (android.graphics.Color)	4286573042 (0xFF7FE9F2)
YUV	202.3320, 19.5563, -66.0662
Hunter-Lab	83.1869, -29.8808, -9.1364

# Details

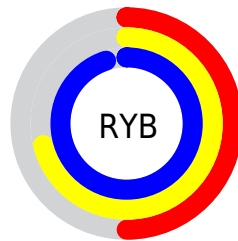
The Hex color **7FE9F2** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F2887F**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **BAFFFF**, and **41B1BA** is the 20% darker color. If you saturate the color by 10%, you get **67E7F2**, and if you desaturate by 10%, it is **97EBF2**.

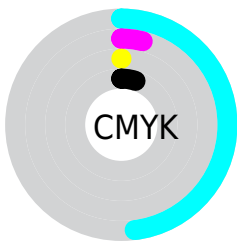
# Distribution



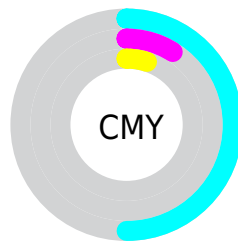
- Red (50%)
- Green (91%)
- Blue (95%)



- Red (50%)
- Yellow (71%)
- Blue (95%)



- Cyan (48%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (50%)
- Magenta (9%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FE9F2 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 7FE9F2 by changing the saturation by 10% instead.



 7FE9F2

 7FE9F2

FFFFFF

 61CDD6

 BAFFFF

 41B1BA

 D8FFFF

 17969F

 F6FFFF

 007C85

 00636C

 004A53

 00333C

 002026

 000112

 7FE9F2

 7FE9F2

 67E7F2

 97EBF2

 4FE5F2

 AFEDF2

 36E3F2

 C8EFF2

 1EE1F2

 E0F1F2

 06E0F2

 F8F2F2

 00DFF2

 FFF4F2

 FFF6F2

 FFF8F2

 FFFAF2

# Harmonies

## Analogous

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



91E9D4



7FE9F2



8AE5FF

# Triad

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



7FE9F2



FCC9FB



F2D59D

# Complementary

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



7FE9F2



F2887F

# 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.



FFCCA8



7FE9F2



FFC3DE

# Square

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



7FE9F2



D8D2FF



FFC4C0



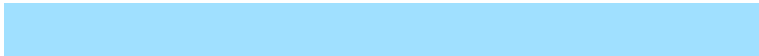
D3DFA2

# Rectangle

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



7FE9F2



A0E0FF



FFC4C0



FBD29F

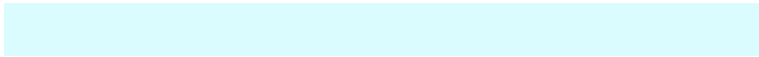


# Sweetspot

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



7FE9F2



DBFCFF



7FF287



6A7E80



000000



808080



# Same Dimension

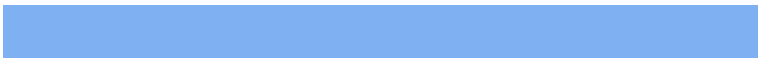
The Same Dimension uses a secret algorithm to generate beautiful new colors.



7FE9F2



6EF4FF



7FB1F2



6C7778



00A9B8



003438



# Inverse Universe

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



F27FE9



FF6EF4



F2C07F



786C77



B800A9

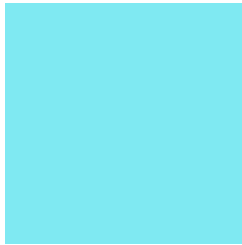


380034



# Previews

## White Background



This preview shows how the Hex color 7FE9F2 looks on a white background.

## Color Contrast Check

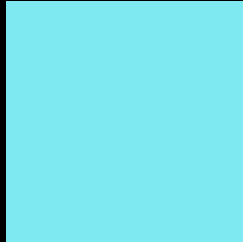
Large Text (above 18pt) WCAG AA × Fail

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 7FE9F2 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 7FE9F2 Background



This preview shows how black text looks on a background with the Hex color 7FE9F2.

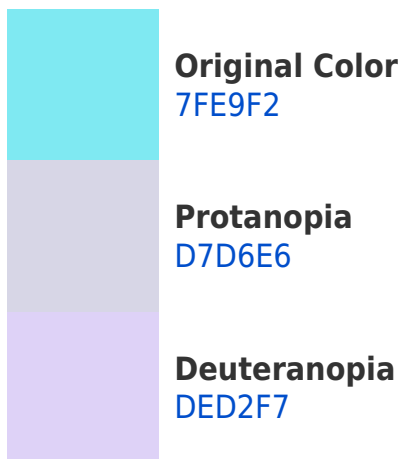


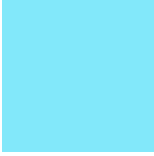
This preview shows how white text looks on a background with the Hex color 7FE9F2.

# 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](#).

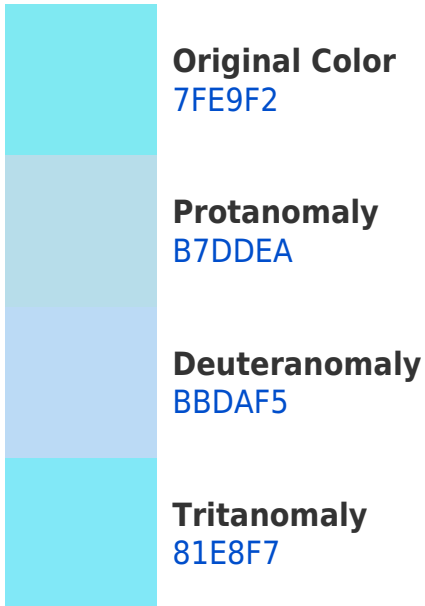
## Dichromacy



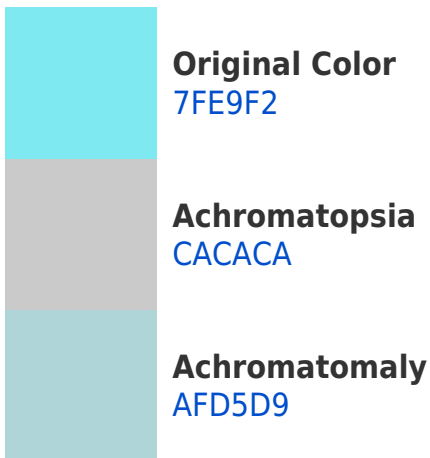


**Tritanopia**  
82E8FA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FE9F2 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 #7FE9F2 looks like.

```
.text, #text, p{  
    color:#7FE9F2  
}
```

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 #7FE9F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FE9F2  
}
```

## Border

The CSS property to change the border of an element to Hex 7FE9F2 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  
#7FE9F2 }
```

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

```
.border{ border-color:#7FE9F2 }
```

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

Here you see how a box with a 4 pixel #7FE9F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FE9F2; -webkit-box-shadow:4px 4px  
4px 4px #7FE9F2; box-shadow:4px 4px 4px  
4px #7FE9F2 }
```

# Background

The CSS property to change the background color of an element to Hex 7FE9F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FE9F2 }
```

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

```
.background{ background-color:#7FE9F2 }
```

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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