

# Converting Colors

Hex(6FE9E9)

Have a look what the booklet for  
Hex(6FE9E9) contains.

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# **Color**

**Hex(6FE9E9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FE9E9
RGB	111, 233, 233
RGB Percent	44%, 91%, 91%
CMY	0.5647, 0.0863, 0.0863
CMYK	0.52, 0.00, 0.00, 0.09
HSL	180°, 73%, 67%
HSV	180°, 52%, 91%
XYZ	50.4024, 67.5405, 87.4709
YIQ	196.5220, -72.7120, -25.8640

# Conversions

## Conversions Part 2

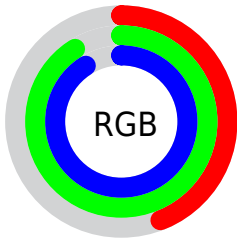
Format	Color
<a href="#">RYB</a>	<a href="#">111, 172, 233</a>
Decimal	<a href="#">7334377</a>
CIELab	<a href="#">85.78, -33.98, -10.45</a>
CIElCh	<a href="#">86, 35.552, 197.087</a>
Yxy	<a href="#">67.5405, 0.2454, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4285524457</a> ( <a href="#">0xFF6FE9E9</a> )
YUV	<a href="#">196.5220, 17.9837, -75.0028</a>
Hunter-Lab	<a href="#">82.1830, -34.3472, -5.5768</a>




# Details

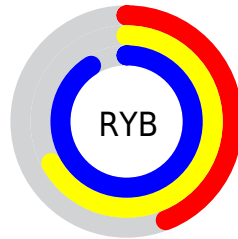
The Hex color **6FE9E9** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **E96F6F**, and the grayscale version is **C4C4C4**.




A 20% lighter version of the original color is **ACFFFF**, and **29B1B1** is the 20% darker color. If you saturate the color by 10%, you get **58E9E9**, and if you desaturate by 10%, it is **86E9E9**.

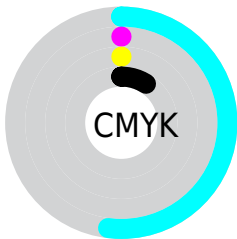
# Distribution







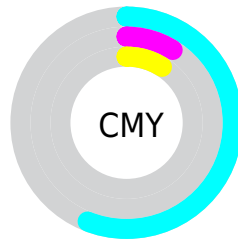
-  Red (44%)
-  Green (91%)
-  Blue (91%)






-  Red (44%)
-  Yellow (67%)
-  Blue (91%)



-  Cyan (52%)
-  Magenta (0%)
-  Yellow (0%)
-  Black (9%)



-  Cyan (56%)
-  Magenta (9%)
-  Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FE9E9 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 6FE9E9 by changing the saturation by 10% instead.



 6FE9E9

FFFFFF

 ACFFFF

 CAFFFF

 E8FFFF

 6FE9E9

 4FCDCD

 29B1B1

 009697

 007C7D

 006264

 004A4C

 003235

 001D20

 000008

 6FE9E9

 6FE9E9

 58E9E9

 86E9E9

 40E9E9

 9EE9E9

 29E9E9

 B5E9E9

 12E9E9

 CCE9E9

 00E9E9

 E3E9E9

 FBE9E9

 FFE9E9

# Harmonies

## Analogous

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



8DE8C6



6FE9E9



70E6FF

# Triad

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



6FE9E9



F3C7FF



FBCF95

# Complementary

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



6FE9E9



E96F6F

# 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.



FFC4A7



6FE9E9



FFBFE6

# Square

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



6FE9E9



C7D3FF



FFBEC4



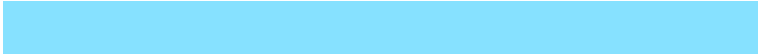
DBDA96

# Rectangle

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



6FE9E9



86E1FF



FFBEC4



FFCC99



# Sweetspot

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



6FE9E9



D6FFFF



6FE96F



678080



000000



808080



# Same Dimension

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



6FE9E9



5EFFFF



6FACE9



6A7575



00B5B5



003636



# Inverse Universe

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



E96FE9



FF5EFF



E9AC6F



756A75



B500B5

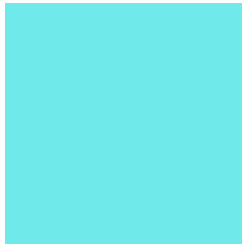


360036



# Previews

## White Background



This preview shows how the Hex color 6FE9E9 looks on a white background.

## Color Contrast Check

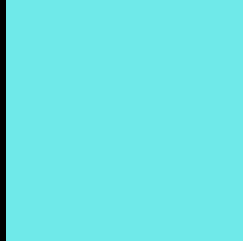
Large Text (above 18pt) WCAG AA × Fail

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 6FE9E9 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 6FE9E9 Background



This preview shows how black text looks on a background with the Hex color 6FE9E9.



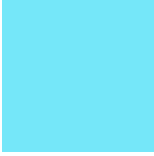
This preview shows how white text looks on a background with the Hex color 6FE9E9.

# 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



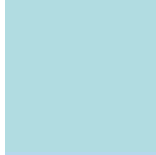


**Tritanopia**  
75E7F9

# Trichromacy



**Original Color**  
6FE9E9



**Protanomaly**  
B1DCE1



**Deuteranomaly**  
B6D8ED

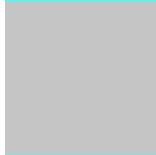


**Tritanomaly**  
73E8F3

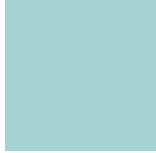
# Monochromacy



**Original Color**  
6FE9E9



**Achromatopsia**  
C5C5C5



**Achromatomaly**  
A6D2D2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FE9E9 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 #6FE9E9 looks like.

```
.text, #text, p{  
    color:#6FE9E9  
}
```

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 #6FE9E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FE9E9
}
```

## Border

The CSS property to change the border of an element to Hex 6FE9E9 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
#6FE9E9 }
```

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

```
.border{ border-color:#6FE9E9 }
```

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

Here you see how a box with a 4 pixel #6FE9E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FE9E9; -webkit-box-shadow:4px 4px  
4px 4px #6FE9E9; box-shadow:4px 4px 4px  
4px #6FE9E9 }
```

# Background

The CSS property to change the background color of an element to Hex 6FE9E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FE9E9 }
```

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

```
.background{ background-color:#6FE9E9 }
```

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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