

Converting Colors

Hex(5FE7CD)

Have a look what the booklet for
Hex(5FE7CD) contains.

Hex(5FE7CD)	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(5FE7CD)

Conversions

Conversions Part 1

Format	Color
Hex	5FE7CD
RGB	95, 231, 205
RGB Percent	37%, 91%, 80%
CMY	0.6275, 0.0941, 0.1961
CMYK	0.59, 0.00, 0.11, 0.09
HSL	169°, 74%, 64%
HSV	169°, 59%, 91%
XYZ	44.3147, 63.9925, 67.7738
YIQ	187.3720, -72.7100, -36.9180

Conversions

Conversions Part 2

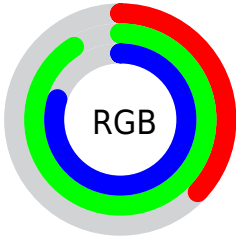
Format	Color
RYB	95, 170, 231
Decimal	6285261
CIELab	83.96, -43.16, 1.58
CIELCh	84, 43.190, 177.899
Yxy	63.9925, 0.2517, 0.3634
Android (android.graphics.Color)	4284475341 (0xFF5FE7CD)
YUV	187.3720, 8.6906, -81.0102
Hunter-Lab	79.9953, -41.1089, 5.7649

Details

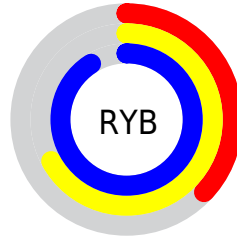
The Hex color **5FE7CD** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **E75F79**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **9DFFFF**, and **00AF97** is the 20% darker color. If you saturate the color by 10%, you get **48E7C9**, and if you desaturate by 10%, it is **76E7D1**.

Distribution



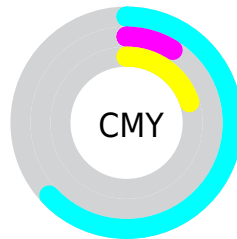
- Red (37%)
- Green (91%)
- Blue (80%)



- Red (37%)
- Yellow (67%)
- Blue (91%)



- Cyan (59%)
- Magenta (0%)
- Yellow (11%)
- Black (9%)



- Cyan (63%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FE7CD 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 5FE7CD by changing the saturation by 10% instead.

 5FE7CD

 5FE7CD

FFFFFF

 3CCBB2

 9DFFFF

 00AF97

 BBFFFF

 00937D

 D9FFFF

 007964

 F8FFFF

 005F4C

 004736

 003020

 00170A

 000000

 5FE7CD

 5FE7CD

 48E7C9

 76E7D1

 31E7C4

 8DE7D6

 1AE7C0

 A4E7DA

 03E7BB

 BBE7DF

 00E7BB

 D3E7E3

 EAE7E7

 FFE7EC

 FFE7F0

 FFE7F5

Harmonies

Analogous

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



95E3A5



5FE7CD



2BE6F6

Triad

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



5FE7CD



D2C8FF



FFC08E

Complementary

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



5FE7CD



E75F79

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.



FFB5AD



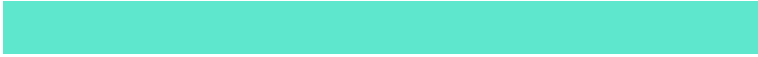
5FE7CD



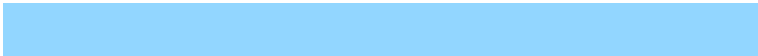
FFBAFD

Square

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



5FE7CD



92D6FF



FFB2D6



EFCE7F

Rectangle

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



5FE7CD



36E3FF



FFB2D6



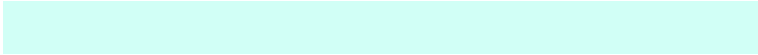
FFBB97

Sweetspot

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



5FE7CD



D1FFF6



7AE75F



63807A



000000



808080

Same Dimension

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



5FE7CD



4AFFDC



5FBEE7



677371



00B390



003329

Inverse Universe

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



E75F79



FF4A6D



E7885F



736769



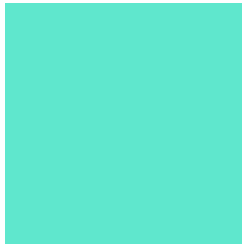
B30022



33000A

Previews

White Background



This preview shows how the Hex color 5FE7CD looks on a white background.

Color Contrast Check

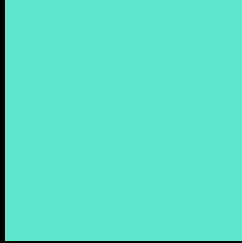
Large Text (above 18pt) WCAG AA × Fail

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 5FE7CD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

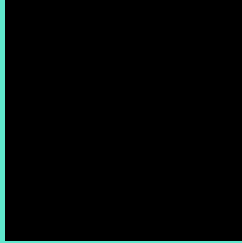
Any Text WCAG AA ✓ Pass

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 5FE7CD Background



This preview shows how black text looks on a background with the Hex color 5FE7CD.



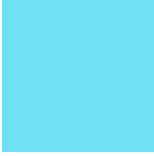
This preview shows how white text looks on a background with the Hex color 5FE7CD.

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
6EE1F4

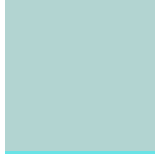
Trichromacy



Original Color
5FE7CD



Protanomaly
ABD8C5



Deuteranomaly
B2D4D1

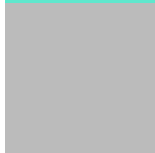


Tritanomaly
69E3E6

Monochromacy



Original Color
5FE7CD



Achromatopsia
BBBBBB



Achromatomaly
9ACBC2

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FE7CD 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 #5FE7CD looks like.

```
.text, #text, p{  
    color:#5FE7CD  
}
```

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 #5FE7CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FE7CD
}
```

Border

The CSS property to change the border of an element to Hex 5FE7CD 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
#5FE7CD }
```

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

```
.border{ border-color:#5FE7CD }
```

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

Here you see how a box with a 4 pixel #5FE7CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FE7CD; -webkit-box-shadow:4px 4px  
4px 4px #5FE7CD; box-shadow:4px 4px 4px  
4px #5FE7CD }
```

Background

The CSS property to change the background color of an element to Hex 5FE7CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FE7CD }
```

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

```
.background{ background-color:#5FE7CD }
```

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