

Converting Colors

Hex(5FE5C0)

Have a look what the booklet for
Hex(5FE5C0) contains.

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Color

Hex(5FE5C0)

Conversions

Conversions Part 1

Format	Color
Hex	5FE5C0
RGB	95, 229, 192
RGB Percent	37%, 90%, 75%
CMY	0.6275, 0.1020, 0.2471
CMYK	0.59, 0.00, 0.16, 0.10
HSL	163°, 72%, 64%
HSV	163°, 59%, 90%
XYZ	42.2531, 62.2773, 59.6629
YIQ	184.7160, -67.9870, -39.9150

Conversions

Conversions Part 2

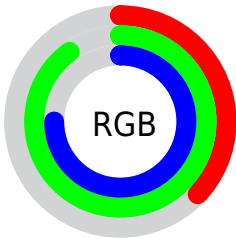
Format	Color
RYB	95, 173, 229
Decimal	6284736
CIELab	83.06, -45.38, 7.13
CIELCh	83, 45.941, 171.067
Yxy	62.2773, 0.2573, 0.3793
Android (android.graphics.Color)	4284474816 (0xFF5FE5C0)
YUV	184.7160, 3.5910, -78.6809
Hunter-Lab	78.9160, -42.5308, 10.4161

Details

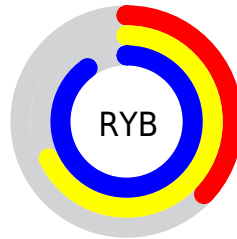
The Hex color **5FE5C0** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **E55F84**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **9CFFF8**, and **07AD8B** is the 20% darker color. If you saturate the color by 10%, you get **48E5BA**, and if you desaturate by 10%, it is **76E5C6**.

Distribution



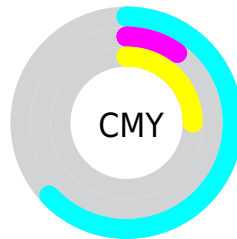
- Red (37%)
- Green (90%)
- Blue (75%)



- Red (37%)
- Yellow (68%)
- Blue (90%)



- Cyan (59%)
- Magenta (0%)
- Yellow (16%)
- Black (10%)



- Cyan (63%)
- Magenta (10%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FE5C0 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 5FE5C0 by changing the saturation by 10% instead.

 5FE5C0

 5FE5C0

FFFFFF

 3DC9A5

 9CFFF8

 07AD8B

 BAF8FF

 009271

 D8FFFF

 007759

 F6FFFF

 005E41

 00452B

 002E17

 001300

 000000

 5FE5C0

 5FE5C0

 48E5BA

 76E5C6

 31E5B3

 8DE5CD

 1AE5AD

 A4E5D3

 03E5A7

 BBE5D9

 00E5A6

 D2E5E0

 E8E5E6

 FFE5EC

 FFE5F3

 FFE5F9

Harmonies

Analogous

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



9AE097



5FE5C0



00E6EC

Triad

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



5FE5C0



C1C8FF



FFB98D

Complementary

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



5FE5C0



E55F84

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.



FFAEB2



5FE5C0



F9B9FF

Square

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



5FE5C0



76D7FF



FFAEDE



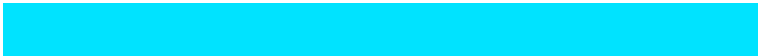
F6C879

Rectangle

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



5FE5C0



00E3FF



FFAEDE



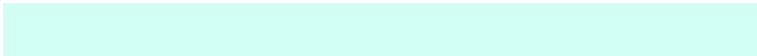
FFB498

Sweetspot

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



5FE5C0



D1FFF2



85E55F



638078



000000



808080

Same Dimension

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



5FE5C0



4DFFCE



5FC8E5



677370



00B381



003325

Inverse Universe

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



E55F84



FF4D7E



E57C5F



73676A



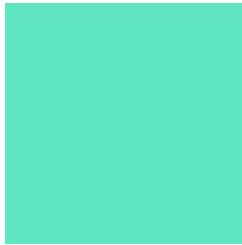
B30031



33000E

Previews

White Background



This preview shows how the Hex color 5FE5C0 looks on a white background.

Color Contrast Check

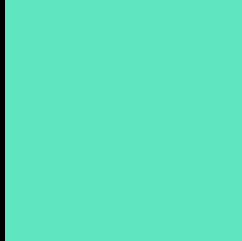
Large Text (above 18pt) WCAG AA × Fail

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 5FE5C0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

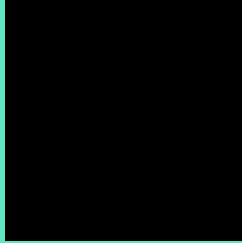
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

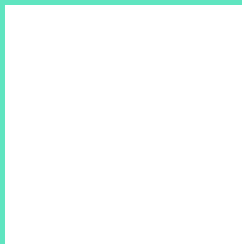
Any Text WCAG AAA ✓ Pass

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

Hex 5FE5C0 Background



This preview shows how black text looks on a background with the Hex color 5FE5C0.

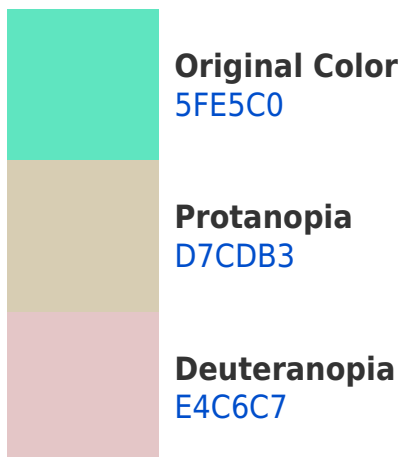


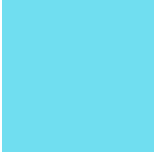
This preview shows how white text looks on a background with the Hex color 5FE5C0.

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
70DEF0

Trichromacy



Original Color
5FE5C0



Protanomaly
ABD6B8



Deuteranomaly
B4D1C4

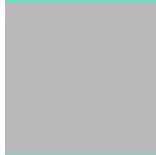


Tritanomaly
6AE1DF

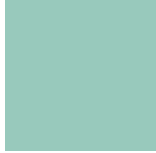
Monochromacy



Original Color
5FE5C0



Achromatopsia
B9B9B9



Achromatomaly
98C9BC

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FE5C0 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 #5FE5C0 looks like.

```
.text, #text, p{  
    color:#5FE5C0  
}
```

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 #5FE5C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FE5C0
}
```

Border

The CSS property to change the border of an element to Hex 5FE5C0 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
#5FE5C0 }
```

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

```
.border{ border-color:#5FE5C0 }
```

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

Here you see how a box with a 4 pixel #5FE5C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FE5C0; -webkit-box-shadow:4px 4px  
4px 4px #5FE5C0; box-shadow:4px 4px 4px  
4px #5FE5C0 }
```

Background

The CSS property to change the background color of an element to Hex 5FE5C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FE5C0 }
```

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

```
.background{ background-color:#5FE5C0 }
```

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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