

Converting Colors

Hex(5FCEA0)

Have a look what the booklet for
Hex(5FCEA0) contains.

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Color

Hex(5FCEA0)

Conversions

Conversions Part 1

Format	Color
Hex	5FCEA0
RGB	95, 206, 160
RGB Percent	37%, 81%, 63%
CMY	0.6275, 0.1922, 0.3725
CMYK	0.54, 0.00, 0.22, 0.19
HSL	155°, 53%, 59%
HSV	155°, 54%, 81%
XYZ	33.1358, 49.1136, 40.9911
YIQ	167.5670, -51.3900, -37.8380

Conversions

Conversions Part 2

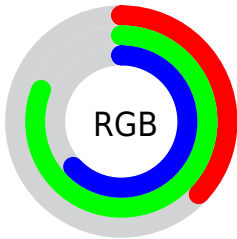
Format	Color
RYB	95, 165, 206
Decimal	6278816
CIELab	75.52, -42.59, 13.38
CIELCh	76, 44.641, 162.555
Yxy	49.1136, 0.2689, 0.3985
Android (android.graphics.Color)	4284468896 (0xFF5FCEA0)
YUV	167.5670, -3.7305, -63.6413
Hunter-Lab	70.0811, -38.2434, 14.3774

Details

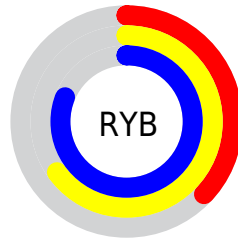
The Hex color **5FCEA0** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **CE5F8D**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **99FFD7**, and **1C976C** is the 20% darker color. If you saturate the color by 10%, you get **4ACE97**, and if you desaturate by 10%, it is **74CEA9**.

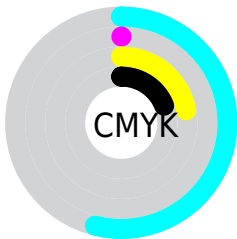
Distribution



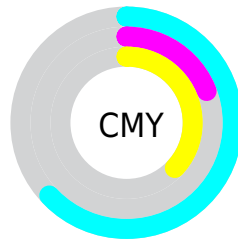
- Red (37%)
- Green (81%)
- Blue (63%)



- Red (37%)
- Yellow (65%)
- Blue (81%)



- Cyan (54%)
- Magenta (0%)
- Yellow (22%)
- Black (19%)



- Cyan (63%)
- Magenta (19%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FCEA0 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 5FCEA0 by changing the saturation by 10% instead.

 5FCEA0

 5FCEA0

FFFFFF

 41B286

 99FFD7

 1C976C

 B6FFF3

 007C54

 D3FFFF

 00633D

 F1FFFF

 004A27

 003212

 001C00

 000000

 5FCEA0

 5FCEA0

 4ACE97

 74CEA9

 36CE8F

 88CEB1

 21CE86

 9DCEBA

 0DCE7E

 B1CEC2

 00CE79

 C6CECB

 DBCED3

 EFCEDC

 FFCEE4

 FFCEED

Harmonies

Analogous

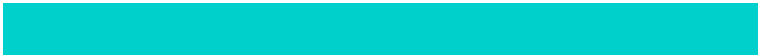
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96C87C



5FCEA0



00D0CB

Triad

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



5FCEA0



99B8FF



FFA184

Complementary

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



5FCEA0



CE5F8D

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.



FF99AA



5FCEA0



D4A9F7

Square

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



5FCEA0



47C5FF



FB9CD4



E9AF6C

Rectangle

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



5FCEA0



00CEE5



FB9CD4



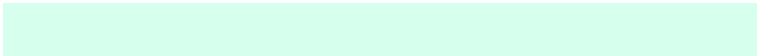
FF9E90

Sweetspot

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



5FCEA0



D6FFEE



8DCE5F



678075



000000



808080

Same Dimension

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



5FCEA0



59FFBA



5FC5CE



5C6662



00A661



002616

Inverse Universe

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



CE5F8D



FF599E



CE685F



665C60



A60045



260010

Previews

White Background



This preview shows how the Hex color 5FCEA0 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 5FCEA0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

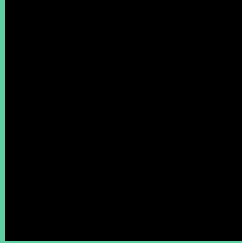
Any Text WCAG AA ✓ Pass

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 5FCEA0 Background



This preview shows how black text looks on a background with the Hex color 5FCEA0.

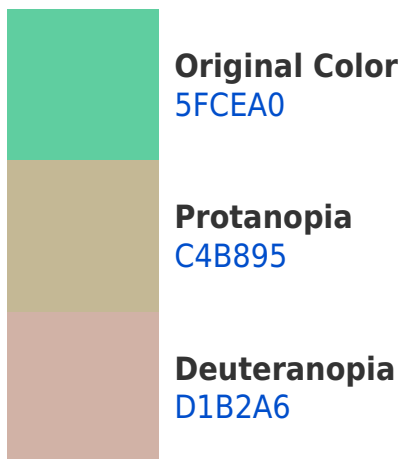


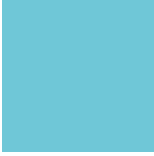
This preview shows how white text looks on a background with the Hex color 5FCEA0.

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](#).

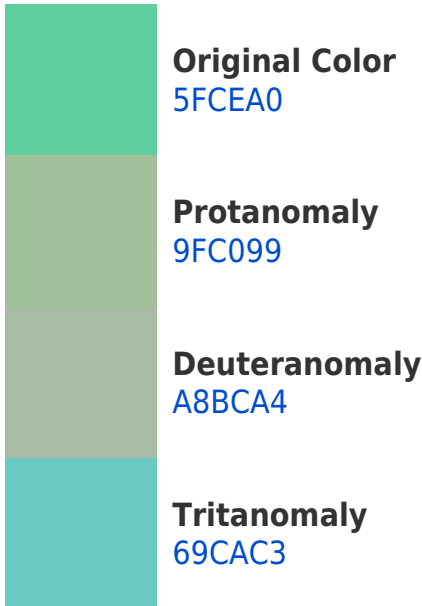
Dichromacy



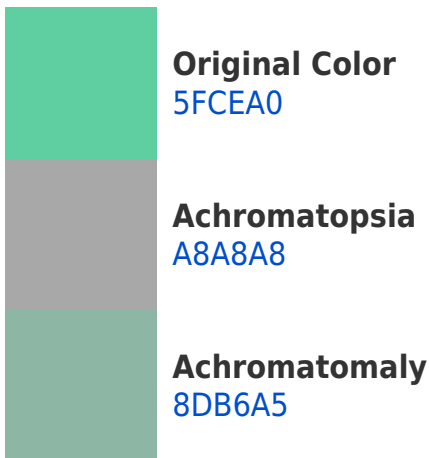


Tritanopia
6FC7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FCEA0 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 #5FCEA0 looks like.

```
.text, #text, p{  
    color:#5FCEA0  
}
```

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 #5FCEA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FCEA0
}
```

Border

The CSS property to change the border of an element to Hex 5FCEA0 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
#5FCEA0 }
```

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

```
.border{ border-color:#5FCEA0 }
```

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

Here you see how a box with a 4 pixel #5FCEA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FCEA0; -webkit-box-shadow:4px 4px  
4px 4px #5FCEA0; box-shadow:4px 4px 4px  
4px #5FCEA0 }
```

Background

The CSS property to change the background color of an element to Hex 5FCEA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FCEA0 }
```

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

```
.background{ background-color:#5FCEA0 }
```

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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