

# Converting Colors

Hex(5FCEE0)

Have a look what the booklet for  
Hex(5FCEE0) contains.

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# **Color**

**Hex(5FCEE0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FCEE0
RGB	95, 206, 224
RGB Percent	37%, 81%, 88%
CMY	0.6275, 0.1922, 0.1216
CMYK	0.58, 0.08, 0.00, 0.12
HSL	188°, 68%, 63%
HSV	188°, 58%, 88%
XYZ	40.2452, 51.9573, 78.4286
YIQ	174.8630, -71.9340, -17.9340

# Conversions

## Conversions Part 2

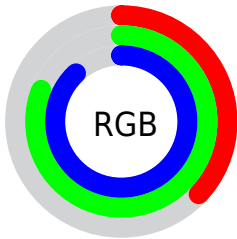
Format	Color
<a href="#">RYB</a>	95, 155, 224
Decimal	6278880
CIELab	77.26, -26.50, -18.50
CIELCh	77, 32.320, 214.910
Yxy	51.9573, 0.2359, 0.3045
Android (android.graphics.Color)	4284468960 (0xFF5FCEE0)
YUV	174.8630, 24.2245, -70.0399
Hunter-Lab	72.0814, -26.4807, -14.0538

# Details

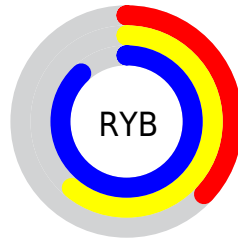
The Hex color **5FCEE0** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **E0715F**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **9CFFFF**, and **0A97A9** is the 20% darker color. If you saturate the color by 10%, you get **49CBE0**, and if you desaturate by 10%, it is **75D1E0**.

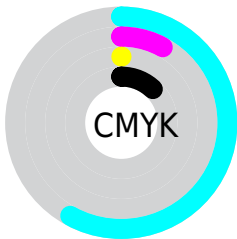
# Distribution



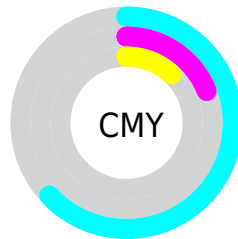
- Red (37%)
- Green (81%)
- Blue (88%)



- Red (37%)
- Yellow (61%)
- Blue (88%)



- Cyan (58%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (63%)
- Magenta (19%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5FCEE0 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 5FCEE0 by changing the saturation by 10% instead.



 5FCEE0

 5FCEE0

FFFFFF

 3EB2C4

 9CFFFF

 0A97A9

 BAFFFF

 007D8E

 D8FFFF

 006475

 F6FFFF

 004C5C

 003444

 00212E

 00011A

 000000

■ 5FCEE0

■ 5FCEE0

■ 49CBE0

■ 75D1E0

■ 32C8E0

■ 8CD4E0

■ 1CC5E0

■ A2D7E0

■ 05C1E0

■ B9DBE0

■ 00C1E0

■ CFDEE0

■ E5E1E0

■ FCE4E0

■ FFE7E0

■ FFEAE0

# Harmonies

## Analogous

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



6CCFC3



5FCEE0



75C9F4

# Triad

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



5FCEE0



E9ACD9



CFBF83

# Complementary

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



5FCEE0



E0715F

# 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.



E9B489



5FCEE0



F9A8BB

# Square

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



5FCEE0



C9B5F0



F9AC9E



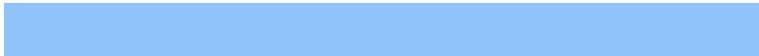
AFC78D

# Rectangle

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



5FCEE0



90C3FA



F9AC9E



D9BB83



# Sweetspot

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



5FCEE0



D4F9FF



5FE070



667C80



000000



808080



# Same Dimension

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



5FCEE0



4FE6FF



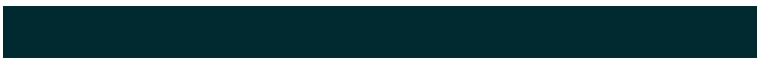
5F8EE0



656F70



0097B0



002A30



# Inverse Universe

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



E05FCE



FF4FE6



E0B15F



70656F



B00097

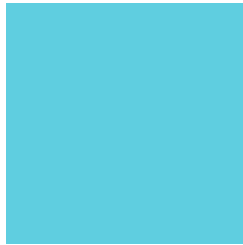


30002A



# Previews

## White Background



This preview shows how the Hex color 5FCEE0 looks on a white background.

## Color Contrast Check

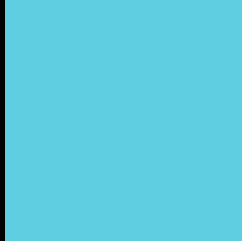
Large Text (above 18pt) WCAG AA × Fail

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 5FCEE0 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 5FCEE0 Background



This preview shows how black text looks on a background with the Hex color 5FCEE0.

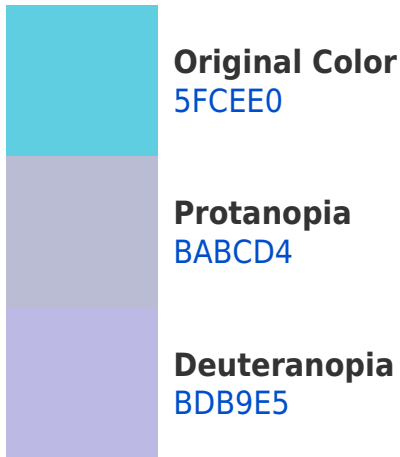


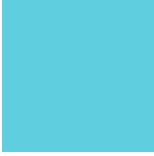
This preview shows how white text looks on a background with the Hex color 5FCEE0.

# 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**  
5FCEDF

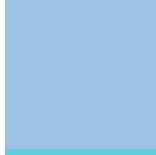
# Trichromacy



**Original Color**  
5FCEE0



**Protanomaly**  
99C3D8



**Deuteranomaly**  
9BC1E3

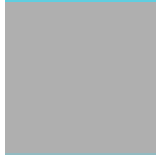


**Tritanomaly**  
5FCEDF

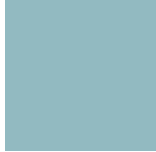
# Monochromacy



**Original Color**  
5FCEE0



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
92BAC1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5FCEE0 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 #5FCEE0 looks like.

```
.text, #text, p{  
    color:#5FCEE0  
}
```

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 #5FCEE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FCEE0  
}
```

## Border

The CSS property to change the border of an element to Hex 5FCEE0 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  
#5FCEE0 }
```

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

```
.border{ border-color:#5FCEE0 }
```

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

Here you see how a box with a 4 pixel #5FCEE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FCEE0; -webkit-box-shadow:4px 4px  
4px 4px #5FCEE0; box-shadow:4px 4px 4px  
4px #5FCEE0 }
```

# Background

The CSS property to change the background color of an element to Hex 5FCEE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FCEE0 }
```

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

```
.background{ background-color:#5FCEE0 }
```

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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