

# Converting Colors

Hex(5EE8CC)

Have a look what the booklet for  
Hex(5EE8CC) contains.

<b>Hex(5EE8CC)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(5EE8CC)

# Conversions

## Conversions Part 1

Format	Color
Hex	5EE8CC
RGB	94, 232, 204
RGB Percent	37%, 91%, 80%
CMY	0.6314, 0.0902, 0.2000
CMYK	0.59, 0.00, 0.12, 0.09
HSL	168°, 75%, 64%
HSV	168°, 59%, 91%
XYZ	44.3718, 64.4525, 67.2287
YIQ	187.5460, -73.2600, -37.9640

# Conversions

## Conversions Part 2

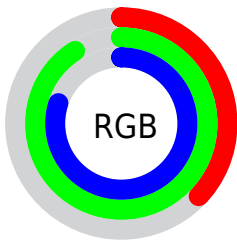
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 171, 232
Decimal	6219980
CIELab	84.20, -44.02, 2.45
CIELCh	84, 44.093, 176.809
Yxy	64.4525, 0.2520, 0.3661
Android (android.graphics.Color)	4284410060 (0xFF5EE8CC)
YUV	187.5460, 8.1118, -82.0398
Hunter-Lab	80.2823, -41.8377, 6.5480

# Details

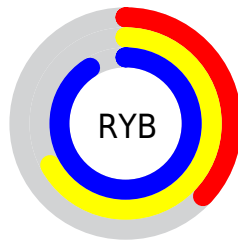
The Hex color **5EE8CC** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **E85E7A**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **9CFFFF**, and **00B096** is the 20% darker color. If you saturate the color by 10%, you get **47E8C7**, and if you desaturate by 10%, it is **75E8D1**.

# Distribution



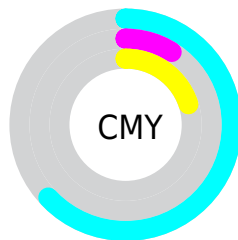
- Red (37%)
- Green (91%)
- Blue (80%)



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



- Cyan (59%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EE8CC 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 5EE8CC by changing the saturation by 10% instead.



 5EE8CC

 5EE8CC

FFFFFF

 3BCBB1

 9CFFFF

 00B096

 BAFFFF

 00947C

 D9FFFF

 007A63

 F7FFFF

 00604B

 004735

 003020

 001809

 000000

 5EE8CC

 5EE8CC

 47E8C7

 75E8D1

 30E8C3

 8CE8D5

 18E8BE

 A4E8DA

 01E8B9

 BBE8DF

 00E8B9

 D2E8E4

 E9E8E8

 FFE8ED

 FFE8F2

 FFE8F6

# Harmonies

## Analogous

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



96E4A3



5EE8CC



20E8F6

# Triad

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



5EE8CC



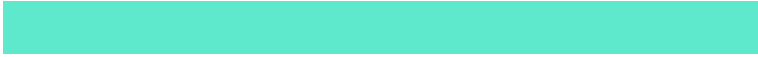
D0C9FF



FFC08E

# Complementary

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



5EE8CC



E85E7A

# 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.



FFB4AF



5EE8CC



FFBAFF

# Square

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



5EE8CC



8ED7FF



FFB2D8



F1CE7E

# Rectangle

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



5EE8CC



2AE5FF



FFB2D8



FFBB97

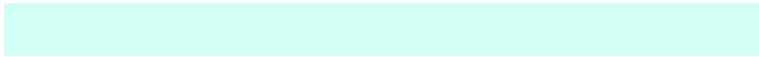


# Sweetspot

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



5EE8CC



D1FFF6



7CE85E



63807A



000000



808080



# Same Dimension

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



5EE8CC



4AFFDA



5EC1E8



677370



00B38E



003329



# Inverse Universe

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



E85E7A



FF4A6F



E8855E



73676A



B30024

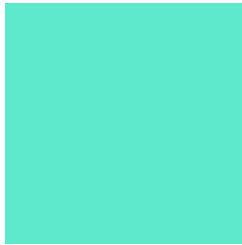


33000A



# Previews

## White Background



This preview shows how the Hex color 5EE8CC looks on a white background.

## Color Contrast Check

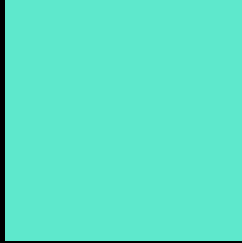
Large Text (above 18pt) WCAG AA × Fail

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 5EE8CC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

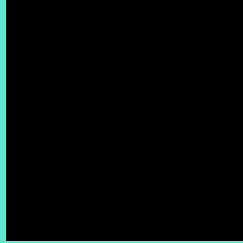
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5EE8CC Background



This preview shows how black text looks on a background with the Hex color 5EE8CC.

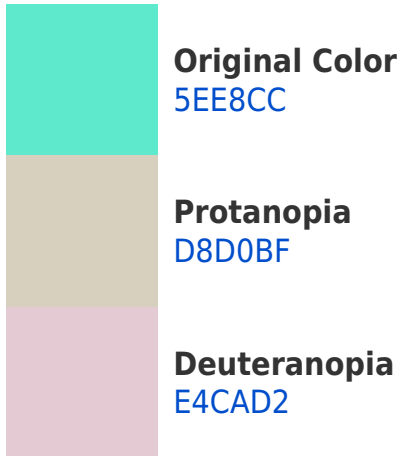


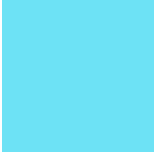
This preview shows how white text looks on a background with the Hex color 5EE8CC.

# 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



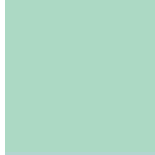


**Tritanopia**  
6DE2F5

# Trichromacy



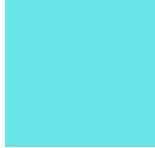
**Original Color**  
5EE8CC



**Protanomaly**  
ACD9C4



**Deuteranomaly**  
B3D5D0

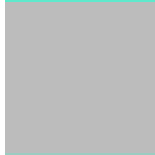


**Tritanomaly**  
68E4E6

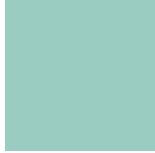
# Monochromacy



**Original Color**  
5EE8CC



**Achromatopsia**  
BCBCBC



**Achromatomaly**  
9ACCC2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EE8CC 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 #5EE8CC looks like.

```
.text, #text, p{  
    color:#5EE8CC  
}
```

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 #5EE8CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EE8CC
}
```

## Border

The CSS property to change the border of an element to Hex 5EE8CC 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
#5EE8CC }
```

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

```
.border{ border-color:#5EE8CC }
```

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

Here you see how a box with a 4 pixel #5EE8CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EE8CC; -webkit-box-shadow:4px 4px  
4px 4px #5EE8CC; box-shadow:4px 4px 4px  
4px #5EE8CC }
```

# Background

The CSS property to change the background color of an element to Hex 5EE8CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EE8CC }
```

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

```
.background{ background-color:#5EE8CC }
```

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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