

# Converting Colors

Hex(5EECEB)

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

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# Color

**Hex(5EECEB)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 5EECEB                       |
| RGB         | 94, 236, 235                 |
| RGB Percent | 37%, 93%, 92%                |
| CMY         | 0.6314, 0.0745, 0.0784       |
| CMYK        | 0.60, 0.00, 0.00, 0.07       |
| HSL         | 180°, 79%, 65%               |
| HSV         | 180°, 60%, 93%               |
| XYZ         | 49.6069, 68.3687, 89.1792    |
| YIQ         | 193.4280, -84.3110, -30.4150 |

# Conversions

## Conversions Part 2

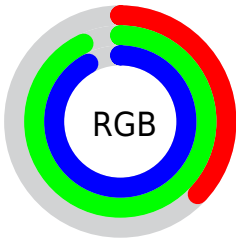
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 94, 165, 236                   |
| Decimal                             | 6221035                        |
| CIELab                              | 86.19, -37.91, -10.93          |
| CIELCh                              | 86, 39.455, 196.089            |
| Yxy                                 | 68.3687, 0.2395,<br>0.3300     |
| Android<br>(android.graphics.Color) | 4284411115<br>(0xFF5EECEB)     |
| YUV                                 | 193.4280, 20.4950,<br>-87.1984 |
| Hunter-Lab                          | 82.6854, -37.6087,<br>-6.0666  |

# Details

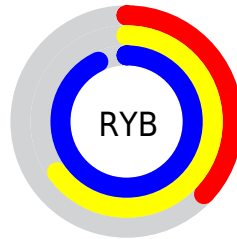
The Hex color **5EECEB** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **EC5E5F**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **9EFFFF**, and **00B4B3** is the 20% darker color. If you saturate the color by 10%, you get **46ECEB**, and if you desaturate by 10%, it is **76ECEB**.

# Distribution



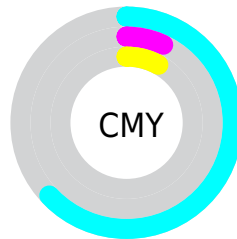
- Red (37%)
- Green (93%)
- Blue (92%)



- Red (37%)
- Yellow (65%)
- Blue (93%)



- Cyan (60%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (63%)
- Magenta (7%)
- Yellow (8%)

# Brightness & Saturation Gradients

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



 5EECEB

 5EECEB


FFFFFF

 38CFCF

 9EFFFF

 00B4B3

 BDFFFF

 009899

 DCFFFF


 007E7F

 FBFFFF

 006466

 004C4E

 003437

 001F22

 00000B

 5EECEB

 5EECEB

 46ECEB

 76ECEB

 2FECEB

 8DECEB

 17ECEB

 A5ECEB

 00ECEA

 BCECEC

 D4ECEC

 ECECEC

 FFECEC

# Harmonies

## Analogous

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



86EBC4



5EECEB



5BE9FF

# Triad

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



5EECEB



F5C7FF



FFCF8F

# Complementary

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



5EECEB



EC5E5F

# 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.



FFC3A3



5EECEB



FFBDEB

# Square

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



5EECEB



C4D4FF



FFBCC5



DDDC8F

# Rectangle

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



5EECEB



77E4FF



FFBCC5



FFCB94



# Sweetspot

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



5EECEB



D1FFFF



60EC5E



63807F



000000



808080



# Same Dimension

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



5EECEB



47FFFE



5EA7EC



6A7575



00B5B4



003635



# Inverse Universe

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



EC5E5F



FF4749



ECA35E



756A6A



B50001

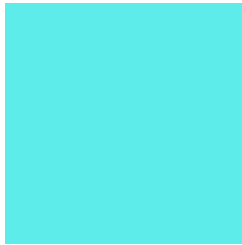


360000



# Previews

## White Background



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

## Color Contrast Check

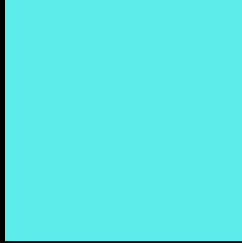
Large Text (above 18pt) WCAG AA × Fail

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 5EECEB 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 5EECEB Background



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

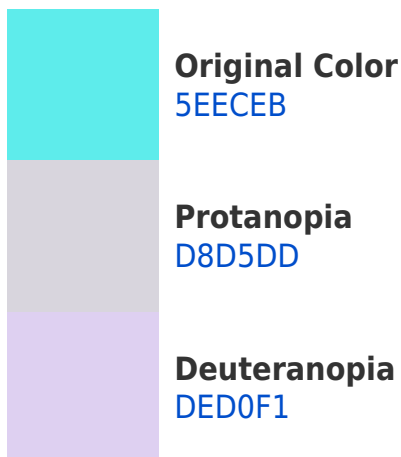


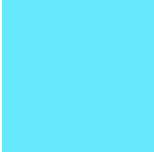
This preview shows how white text looks on a background with the Hex color 5EECEB.

# 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**  
66E9FC

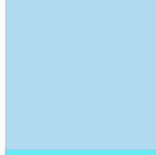
# Trichromacy



**Original Color**  
5EECEB



**Protanomaly**  
ACDDE2



**Deuteranomaly**  
AFDAEF

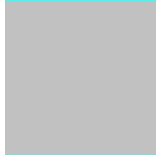


**Tritanomaly**  
63EAF6

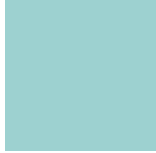
# Monochromacy



**Original Color**  
5EECEB



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
9DD1D0

# CSS Examples

## Text

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

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

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 #5EECEB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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