

Converting Colors

Hex(5EB4BB)

Have a look what the booklet for
Hex(5EB4BB) contains.

| | |
|--|----|
| Hex(5EB4BB) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(5EB4BB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5EB4BB |
| RGB | 94, 180, 187 |
| RGB Percent | 37%, 71%, 73% |
| CMY | 0.6314, 0.2941, 0.2667 |
| CMYK | 0.50, 0.04, 0.00, 0.27 |
| HSL | 185°, 41%, 55% |
| HSV | 185°, 50%, 73% |
| XYZ | 29.9070, 38.6101, 52.8899 |
| YIQ | 155.0840, -53.5030, -16.0550 |

Conversions

Conversions Part 2

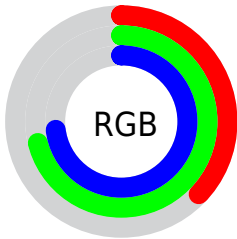
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 94, 139, 187 |
| Decimal | 6206651 |
| CIELab | 68.47, -24.01, -11.58 |
| CIElCh | 68, 26.654, 205.759 |
| Yxy | 38.6101, 0.2463, 0.3180 |
| Android (android.graphics.Color) | 4284396731 (0xFF5EB4BB) |
| YUV | 155.0840, 15.7346, -53.5707 |
| Hunter-Lab | 62.1370, -22.8264, -6.9707 |

Details

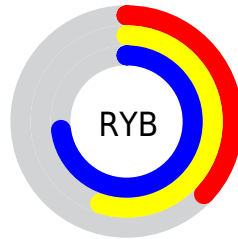
The Hex color **5EB4BB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BB655E**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **97ECF3**, and **1F7F86** is the 20% darker color. If you saturate the color by 10%, you get **4BB3BB**, and if you desaturate by 10%, it is **71B5BB**.

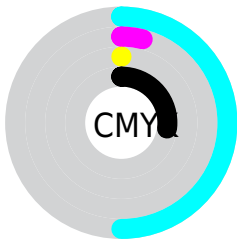
Distribution



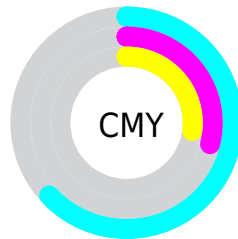
- Red (37%)
- Green (71%)
- Blue (73%)



- Red (37%)
- Yellow (55%)
- Blue (73%)



- Cyan (50%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)



- Cyan (63%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EB4BB 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 5EB4BB by changing the saturation by 10% instead.

 5EB4BB

 5EB4BB

FFFFFF

 4199A0

 97ECF3

 1F7F86

 B3FFFF

 00666D

 D0FFFF

 004D54

 EEEFFF

 00363D

 002127

 000113

 000000

 5EB4BB

 5EB4BB

4BB3BB

71B5BB

39B1BB

83B7BB

26B0BB

96B8BB

13AEBB

A9BABB

01ADBB

BBBBBB

00ADBB

CEBCBB

E1BEBB

F4BFBB

FFC1BB

Harmonies

Analogous

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



6DB4A3



5EB4BB



67B1CE

Triad

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



5EB4BB



C39AC2



BCA477

Complementary

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



5EB4BB



BB655E

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.



CF9C80



5EB4BB



D496AB

Square

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



5EB4BB



A6A2D2



D89693



A2AC7B

Rectangle

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



5EB4BB



79ADD5



D89693



C3A179

Sweetspot

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



5EB4BB



CEF0F2



5EBB64



64797A



FAFAFA



7A7A7A

Same Dimension

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



5EB4BB



61E7F2



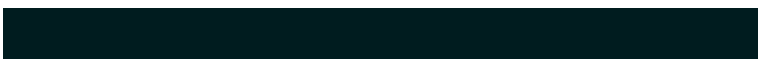
5E86BB



555E5E



00929E



001C1F

Inverse Universe

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



BB5EB4



F261E7



BB935E



5E555E



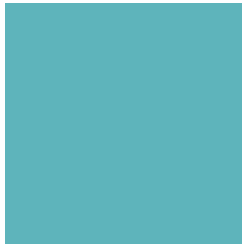
9E0092



1F001C

Previews

White Background



This preview shows how the Hex color 5EB4BB looks on a white background.

Color Contrast Check

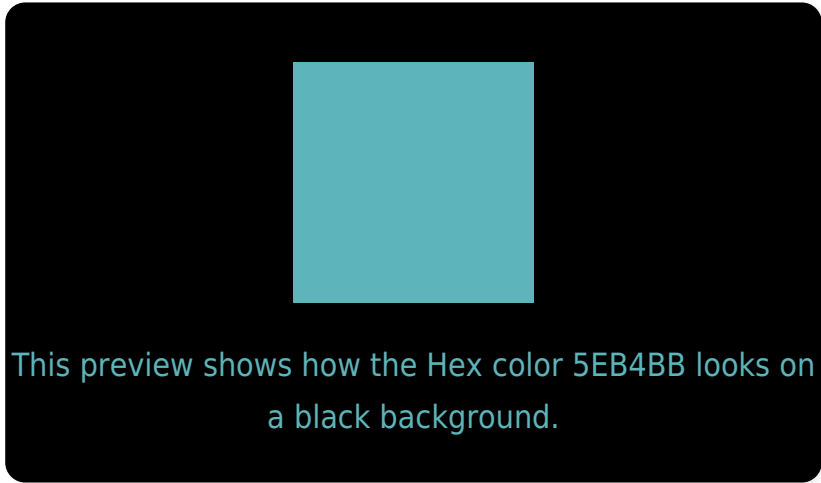
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

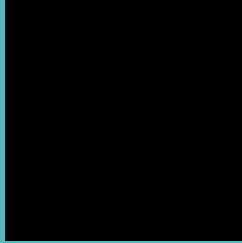
Any Text WCAG AA ✓ Pass

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 5EB4BB Background



This preview shows how black text looks on a background with the Hex color 5EB4BB.

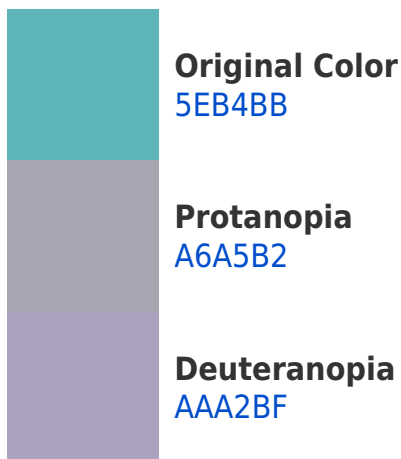


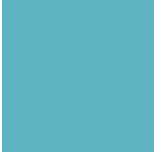
This preview shows how white text looks on a background with the Hex color 5EB4BB.

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](#).

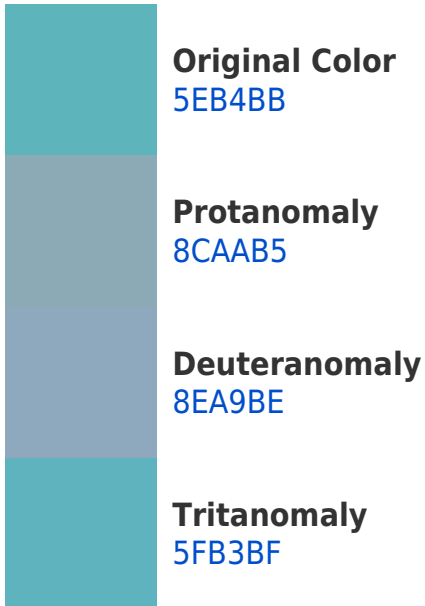
Dichromacy





Tritanopia
60B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EB4BB 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 #5EB4BB looks like.

```
.text, #text, p{  
    color:#5EB4BB  
}
```

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 #5EB4BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EB4BB
}
```

Border

The CSS property to change the border of an element to Hex 5EB4BB 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
#5EB4BB }
```

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

```
.border{ border-color:#5EB4BB }
```

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

Here you see how a box with a 4 pixel #5EB4BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EB4BB; -webkit-box-shadow:4px 4px  
4px 4px #5EB4BB; box-shadow:4px 4px 4px  
4px #5EB4BB }
```

Background

The CSS property to change the background color of an element to Hex 5EB4BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EB4BB }
```

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

```
.background{ background-color:#5EB4BB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor