

Converting Colors

Hex(5EBBC0)

Have a look what the booklet for
Hex(5EBBC0) contains.

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Color

Hex(5EBBC0)

Conversions

Conversions Part 1

Format	Color
Hex	5EBBC0
RGB	94, 187, 192
RGB Percent	37%, 73%, 75%
CMY	0.6314, 0.2667, 0.2471
CMYK	0.51, 0.03, 0.00, 0.25
HSL	183°, 44%, 56%
HSV	183°, 51%, 75%
XYZ	31.9008, 41.7261, 56.2418
YIQ	159.7630, -57.0330, -18.1610

Conversions

Conversions Part 2

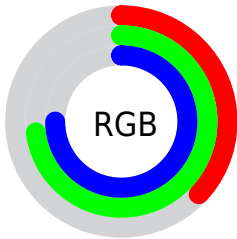
Format	Color
RYB	94, 142, 192
Decimal	6208448
CIELab	70.68, -26.15, -11.02
CIElCh	71, 28.379, 202.849
Yxy	41.7261, 0.2456, 0.3213
Android (android.graphics.Color)	4284398528 (0xFF5EBBC0)
YUV	159.7630, 15.8928, -57.6742
Hunter-Lab	64.5957, -24.8897, -6.4052

Details

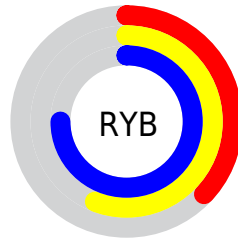
The Hex color **5EBBC0** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **C0635E**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **97F3F8**, and **1C858B** is the 20% darker color. If you saturate the color by 10%, you get **4BBAC0**, and if you desaturate by 10%, it is **71BCC0**.

Distribution



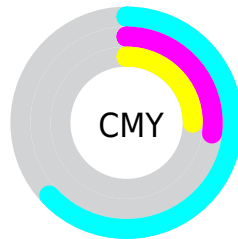
- Red (37%)
- Green (73%)
- Blue (75%)



- Red (37%)
- Yellow (56%)
- Blue (75%)



- Cyan (51%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)



- Cyan (63%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EBBC0 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 5EBBC0 by changing the saturation by 10% instead.

 5EBBC0

 5EBBC0

FFFFFF

 40A0A5

 97F3F8

 1C858B

 B4FFFF

 006C71

 D1FFFF

 005359

 EFFFFFF

 003C41

 00262B

 000618

 000000

 5EBBC0

 5EBBC0

 4BBAC0


 71BCC0

 38B9C0

 84BDC0

 24B8C0

 98BEC0

 11B7C0

 ABBFC0

 00B6C0

 BEC0C0

 D1C1C0

 E4C2C0

 F8C3C0

 FFC4C0

Harmonies

Analogous

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



71BBA6



5EBBC0



65B8D5

Triad

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



5EBBC0



C8A0CC



C5A97A

Complementary

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



5EBBC0



C0635E

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.



D9A185



5EBBC0



DC9AB4

Square

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



5EBBC0



A8A8DC



E19B9A



ABB17D

Rectangle

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



5EBBC0



77B4DE



E19B9A



CDA67C

Sweetspot

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



5EBBC0



D4F8FA



5EC063



667C7D



FCFCFC



7D7D7D

Same Dimension

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



5EBBC0



61F2FA



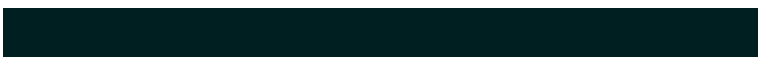
5E8AC0



576061



0098A1



001F21

Inverse Universe

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



C05EBB



FA61F2



C0945E



615760



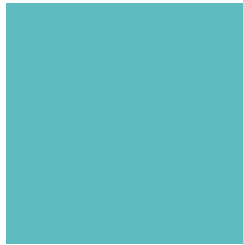
A10098



21001F

Previews

White Background



This preview shows how the Hex color 5EBBC0 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 5EBBC0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

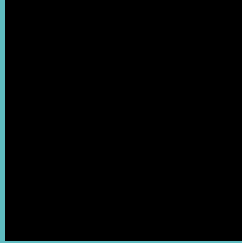
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

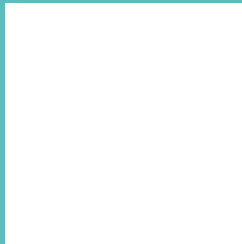
Any Text WCAG AAA ✓ Pass

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

Hex 5EBBC0 Background



This preview shows how black text looks on a background with the Hex color 5EBBC0.



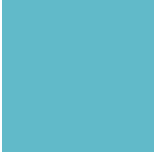
This preview shows how white text looks on a background with the Hex color 5EBBC0.

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](#).

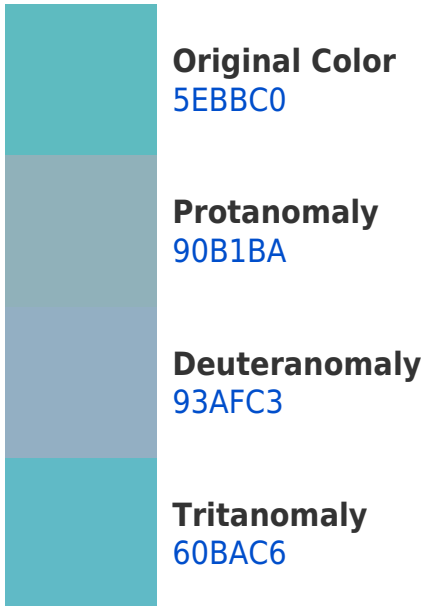
Dichromacy





Tritanopia
61BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EBBC0 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 #5EBBC0 looks like.

```
.text, #text, p{  
    color:#5EBBC0  
}
```

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 #5EBBC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EBBC0  
}
```

Border

The CSS property to change the border of an element to Hex 5EBBC0 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  
#5EBBC0 }
```

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

```
.border{ border-color:#5EBBC0 }
```

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

Here you see how a box with a 4 pixel #5EBBC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EBBC0; -webkit-box-shadow:4px 4px  
4px 4px #5EBBC0; box-shadow:4px 4px 4px  
4px #5EBBC0 }
```

Background

The CSS property to change the background color of an element to Hex 5EBBC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EBBC0 }
```

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

```
.background{ background-color:#5EBBC0 }
```

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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