

Converting Colors

Hex(5EE1B0)

Have a look what the booklet for
Hex(5EE1B0) contains.

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Color

Hex(5EE1B0)

Conversions

Conversions Part 1

Format	Color
Hex	5EE1B0
RGB	94, 225, 176
RGB Percent	37%, 88%, 69%
CMY	0.6314, 0.1176, 0.3098
CMYK	0.58, 0.00, 0.22, 0.12
HSL	158°, 69%, 63%
HSV	158°, 58%, 88%
XYZ	39.3778, 59.3647, 50.4574
YIQ	180.2450, -62.3470, -43.0110

Conversions

Conversions Part 2

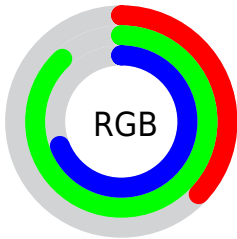
Format	Color
RYB	94, 175, 225
Decimal	6218160
CIELab	81.49, -47.48, 13.32
CIELCh	81, 49.314, 164.330
Yxy	59.3647, 0.2639, 0.3979
Android (android.graphics.Color)	4284408240 (0xFF5EE1B0)
YUV	180.2450, -2.0928, -75.6369
Hunter-Lab	77.0485, -43.6075, 15.1062

Details

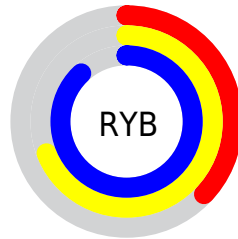
The Hex color **5EE1B0** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **E15E8F**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **9AFFE8**, and **0BA97B** is the 20% darker color. If you saturate the color by 10%, you get **47E1A8**, and if you desaturate by 10%, it is **75E1B8**.

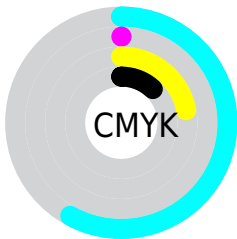
Distribution



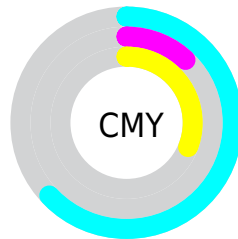
- Red (37%)
- Green (88%)
- Blue (69%)



- Red (37%)
- Yellow (69%)
- Blue (88%)



- Cyan (58%)
- Magenta (0%)
- Yellow (22%)
- Black (12%)



- Cyan (63%)
- Magenta (12%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EE1B0 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 5EE1B0 by changing the saturation by 10% instead.

 5EE1B0

 5EE1B0

FFFFFF

 3DC595

 9AFFE8

 0BA97B

 B8FFFF

 008E62

 D6FFFF

 00734B

 F4FFFF

 005A34

 00411E

 002C07

 000A00

 000000

 5EE1B0

 5EE1B0

 47E1A8

 75E1B8

 31E19F

 8BE1C1

 1AE197

 A2E1C9

 04E18E

 B8E1D2

 00E18D

 CFE1DA

 E5E1E2

 FBE1EB

 FFE1F3

 FFE1FC

Harmonies

Analogous

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



9EDA86



5EE1B0



00E3E0

Triad

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



5EE1B0



A9C8FF



FFAF8C

Complementary

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



5EE1B0



E15E8F

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.



FFA6B6



5EE1B0



EBB6FF

Square

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



5EE1B0



4AD6FF



FFA8E5



FCBF71

Rectangle

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



5EE1B0



00E1FD



FFA8E5



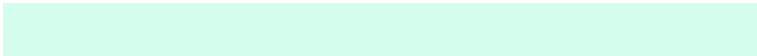
FFAB99

Sweetspot

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



5EE1B0



D4FFEF



90E15E



668076



000000



808080

Same Dimension

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



5EE1B0



4DFFBC



5ED2E1



65706C



00B06E



00301E

Inverse Universe

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



E15E8F



FF4D8F



E16D5E



706569



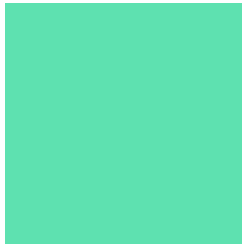
B00042



300012

Previews

White Background



This preview shows how the Hex color 5EE1B0 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 5EE1B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

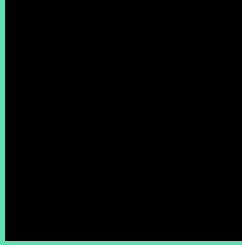
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

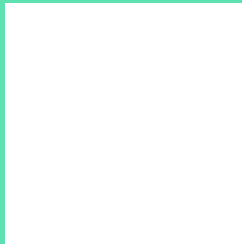
Any Text WCAG AAA ✓ Pass

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

Hex 5EE1B0 Background



This preview shows how black text looks on a background with the Hex color 5EE1B0.

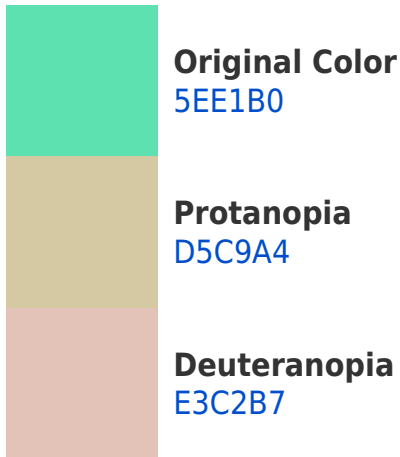


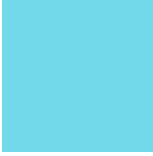
This preview shows how white text looks on a background with the Hex color 5EE1B0.

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
72D9EB

Trichromacy



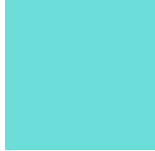
Original Color
5EE1B0



Protanomaly
AAD2A8



Deuteranomaly
B3CDB4

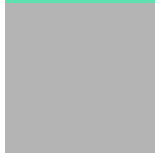


Tritanomaly
6BD6D6

Monochromacy



Original Color
5EE1B0



Achromatopsia
B4B4B4



Achromatomaly
95C4B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EE1B0 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 #5EE1B0 looks like.

```
.text, #text, p{  
    color:#5EE1B0  
}
```

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 #5EE1B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EE1B0
}
```

Border

The CSS property to change the border of an element to Hex 5EE1B0 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
#5EE1B0 }
```

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

```
.border{ border-color:#5EE1B0 }
```

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

Here you see how a box with a 4 pixel #5EE1B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EE1B0; -webkit-box-shadow:4px 4px  
4px 4px #5EE1B0; box-shadow:4px 4px 4px  
4px #5EE1B0 }
```

Background

The CSS property to change the background color of an element to Hex 5EE1B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EE1B0 }
```

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

```
.background{ background-color:#5EE1B0 }
```

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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