

# Converting Colors

Hex(5BE5BE)

Have a look what the booklet for  
Hex(5BE5BE) contains.

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# Color

Hex(5BE5BE)

# Conversions

## Conversions Part 1

Format	Color
Hex	5BE5BE
RGB	91, 229, 190
RGB Percent	36%, 90%, 75%
CMY	0.6431, 0.1020, 0.2549
CMYK	0.60, 0.00, 0.17, 0.10
HSL	163°, 73%, 63%
HSV	163°, 60%, 90%
XYZ	41.6280, 61.9805, 58.4846
YIQ	183.2920, -69.7290, -41.3850

# Conversions

## Conversions Part 2

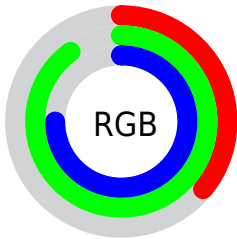
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 171, 229
Decimal	6022590
CIELab	82.90, -46.60, 7.95
CIELCh	83, 47.269, 170.322
Yxy	61.9805, 0.2568, 0.3824
Android (android.graphics.Color)	4284212670 (0xFF5BE5BE)
YUV	183.2920, 3.3070, -80.9401
Hunter-Lab	78.7277, -43.3900, 11.0645

# Details

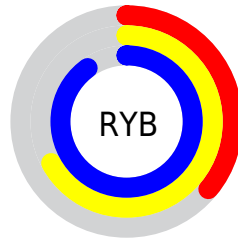
The Hex color **5BE5BE** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **E55B82**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **99FFF6**, and **00AD89** is the 20% darker color. If you saturate the color by 10%, you get **44E5B8**, and if you desaturate by 10%, it is **72E5C4**.

# Distribution



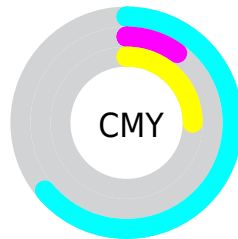
- Red (36%)
- Green (90%)
- Blue (75%)



- Red (36%)
- Yellow (67%)
- Blue (90%)



- Cyan (60%)
- Magenta (0%)
- Yellow (17%)
- Black (10%)



- Cyan (64%)
- Magenta (10%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BE5BE 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 5BE5BE by changing the saturation by 10% instead.



 5BE5BE

 5BE5BE


FFFFFF

 38C8A3

 99FFF6

 00AD89

 B7FFFF

 00916F

 D5FFFF

 007757

 F3FFFF

 005D40

 00452A

 002E15

 001200

 000000

 5BE5BE

 5BE5BE

 44E5B8

 72E5C4

 2DE5B1

 89E5CB

 16E5AB

 A0E5D1

 00E5A4

 B7E5D8

 CDE5DE

 E4E5E5

 FBE5EB

 FFE5F2

 FFE5F8

# Harmonies

## Analogous

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



99DF94



5BE5BE



00E6EC

# Triad

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



5BE5BE



BEC8FF



FFB78C

# Complementary

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



5BE5BE



E55B82

# 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.



FFADB2



5BE5BE



F8B8FF

# Square

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



5BE5BE



6ED7FF



FFADDF



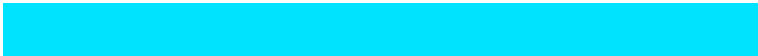
F8C776

# Rectangle

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



5BE5BE



00E3FF



FFADDF



FFB397

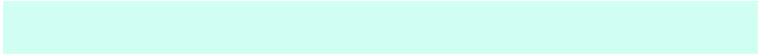


# Sweetspot

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



5BE5BE



D1FFF2



82E55B



638078



000000



808080



# Same Dimension

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



5BE5BE



47FFCB



5BC7E5



677370



00B380



003325



# Inverse Universe

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



E55B82



FF477B



E5795B



73676B



B30032

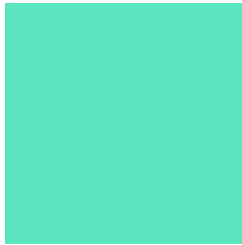


33000E



# Previews

## White Background



This preview shows how the Hex color 5BE5BE looks on a white background.

## Color Contrast Check

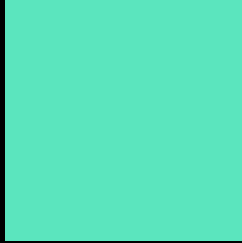
Large Text (above 18pt) WCAG AA × Fail

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 5BE5BE 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

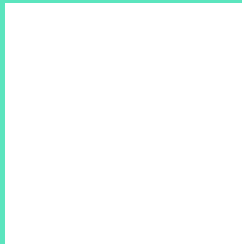
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5BE5BE Background



This preview shows how black text looks on a background with the Hex color 5BE5BE.

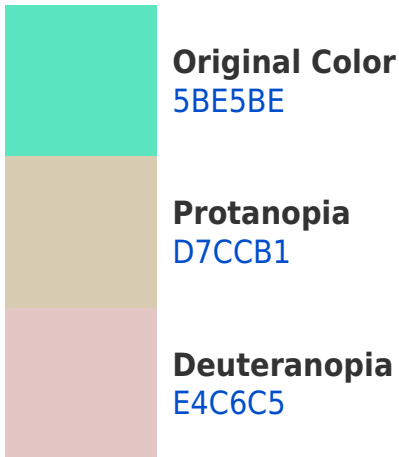


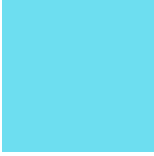
This preview shows how white text looks on a background with the Hex color 5BE5BE.

# 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



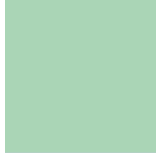


**Tritanopia**  
6DDEF0

# Trichromacy



**Original Color**  
5BE5BE



**Protanomaly**  
AAD5B6



**Deuteranomaly**  
B2D1C2

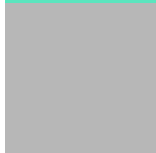


**Tritanomaly**  
66E1DE

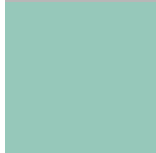
# Monochromacy



**Original Color**  
5BE5BE



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
96C8BA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BE5BE 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 #5BE5BE looks like.

```
.text, #text, p{  
    color:#5BE5BE  
}
```

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 #5BE5BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BE5BE
}
```

## Border

The CSS property to change the border of an element to Hex 5BE5BE 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
#5BE5BE }
```

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

```
.border{ border-color:#5BE5BE }
```

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

Here you see how a box with a 4 pixel #5BE5BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BE5BE; -webkit-box-shadow:4px 4px  
4px 4px #5BE5BE; box-shadow:4px 4px 4px  
4px #5BE5BE }
```

# Background

The CSS property to change the background color of an element to Hex 5BE5BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BE5BE }
```

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

```
.background{ background-color:#5BE5BE }
```

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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