

Converting Colors

Hex(5BE9DD)

Have a look what the booklet for
Hex(5BE9DD) contains.

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Color

Hex(5BE9DD)

Conversions

Conversions Part 1

Format	Color
Hex	5BE9DD
RGB	91, 233, 221
RGB Percent	36%, 91%, 87%
CMY	0.6431, 0.0863, 0.1333
CMYK	0.61, 0.00, 0.05, 0.09
HSL	175°, 76%, 64%
HSV	175°, 61%, 91%
XYZ	46.5044, 65.7224, 78.6413
YIQ	189.1740, -80.7800, -33.8360

Conversions

Conversions Part 2

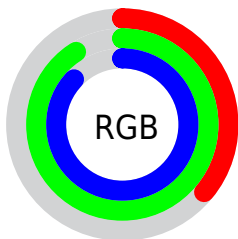
Format	Color
R _Y B	91, 165, 233
Decimal	6023645
CIE Lab	84.85, -40.73, -5.56
CIE LCh	85, 41.102, 187.768
Yxy	65.7224, 0.2436, 0.3443
Android (android.graphics.Color)	4284213725 (0xFF5BE9DD)
YUV	189.1740, 15.6902, -86.0986
Hunter-Lab	81.0694, -39.4771, -0.7656

Details

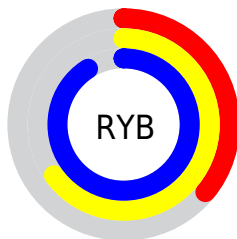
The Hex color **5BE9DD** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **E95B67**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **9BFFFF**, and **00B1A6** is the 20% darker color. If you saturate the color by 10%, you get **44E9DB**, and if you desaturate by 10%, it is **72E9DF**.

Distribution



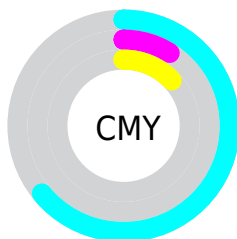
- Red (36%)
- Green (91%)
- Blue (87%)



- Red (36%)
- Yellow (65%)
- Blue (91%)



- Cyan (61%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)



- Cyan (64%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BE9DD 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 5BE9DD by changing the saturation by 10% instead.

 5BE9DD

 5BE9DD

FFFFFF

 36CCC1

 9BFFFF

 00B1A6

 B9FFFF

 00958C

 D8FFFF

 007B72

 F7FFFF

 00615A

 004942

 00312C

 001A18

 000000

 5BE9DD

 5BE9DD

 44E9DB

 72E9DF

 2CE9D9

 8AE9E1

 15E9D7

 A1E9E3

 00E9D5

 B8E9E5

 D0E9E7

 E7E9E9

 FEE9EB

 FFE9ED

 FFE9EF

Harmonies

Analogous

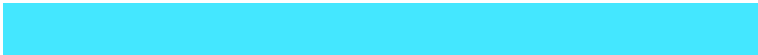
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8BE7B5



5BE9DD



44E7FF

Triad

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



5BE9DD



E6C6FF



FFC88D

Complementary

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



5BE9DD



E95B67

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.



FFBCA6



5BE9DD



FFBAF2

Square

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



5BE9DD



AED4FF



FFB6CB



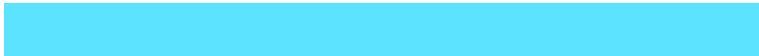
E4D586

Rectangle

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



5BE9DD



5CE3FF



FFB6CB



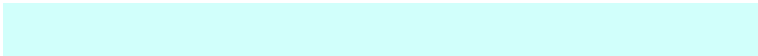
FFC393

Sweetspot

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



5BE9DD



D1FFFB



69E95B



63807D



000000



808080

Same Dimension

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



5BE9DD



45FFEF



5BB0E9



6A7574



00B5A6



003631

Inverse Universe

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



E95B67



FF4555



E9945B



756A6B



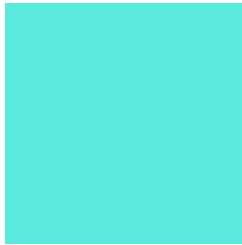
B5000F



360005

Previews

White Background



This preview shows how the Hex color 5BE9DD looks on a white background.

Color Contrast Check

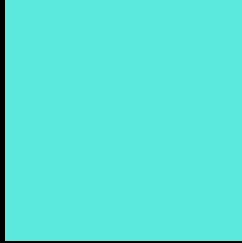
Large Text (above 18pt) WCAG AA × Fail

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 5BE9DD 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 5BE9DD Background



This preview shows how black text looks on a background with the Hex color 5BE9DD.

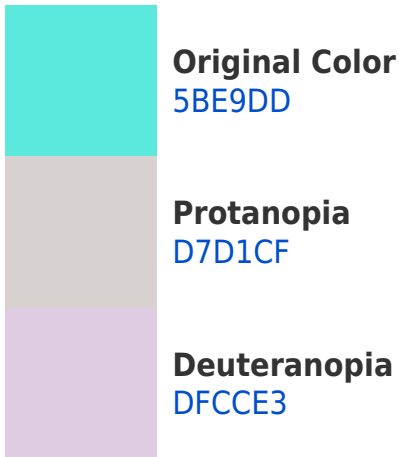


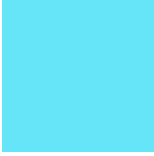
This preview shows how white text looks on a background with the Hex color 5BE9DD.

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
66E5F8

Trichromacy



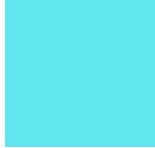
Original Color
5BE9DD



Protanomaly
AADAD4



Deuteranomaly
AFD7E1

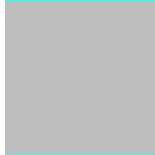


Tritanomaly
62E6EE

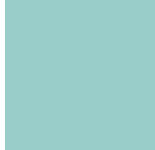
Monochromacy



Original Color
5BE9DD



Achromatopsia
BDBDBD



Achromatomaly
99CDC9

CSS Examples

Text

The CSS property to change the color of the text to Hex 5BE9DD 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 #5BE9DD looks like.

```
.text, #text, p{  
    color:#5BE9DD  
}
```

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 #5BE9DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BE9DD
}
```

Border

The CSS property to change the border of an element to Hex 5BE9DD 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
#5BE9DD }
```

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

```
.border{ border-color:#5BE9DD }
```

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

Here you see how a box with a 4 pixel #5BE9DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BE9DD; -webkit-box-shadow:4px 4px  
4px 4px #5BE9DD; box-shadow:4px 4px 4px  
4px #5BE9DD }
```

Background

The CSS property to change the background color of an element to Hex 5BE9DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BE9DD }
```

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

```
.background{ background-color:#5BE9DD }
```

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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