

Converting Colors

Hex(5BE5D7)

Have a look what the booklet for
Hex(5BE5D7) contains.

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Color

Hex(5BE5D7)

Conversions

Conversions Part 1

Format	Color
Hex	5BE5D7
RGB	91, 229, 215
RGB Percent	36%, 90%, 84%
CMY	0.6431, 0.1020, 0.1569
CMYK	0.60, 0.00, 0.06, 0.10
HSL	174°, 73%, 63%
HSV	174°, 60%, 90%
XYZ	44.5994, 63.1691, 74.1322
YIQ	186.1420, -77.7540, -33.6100

Conversions

Conversions Part 2

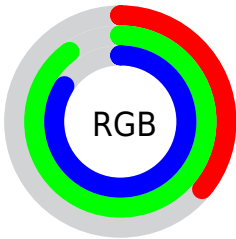
Format	Color
RYB	91, 164, 229
Decimal	6022615
CIELab	83.53, -40.48, -4.34
CIElCh	84, 40.708, 186.120
Yxy	63.1691, 0.2452, 0.3473
Android (android.graphics.Color)	4284212695 (0xFF5BE5D7)
YUV	186.1420, 14.2270, -83.4395
Hunter-Lab	79.4790, -38.9233, 0.3339

Details

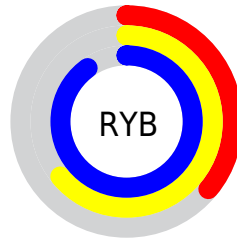
The Hex color **5BE5D7** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E55B69**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **9AFFFF**, and **00ADA0** is the 20% darker color. If you saturate the color by 10%, you get **44E5D5**, and if you desaturate by 10%, it is **72E5D9**.

Distribution



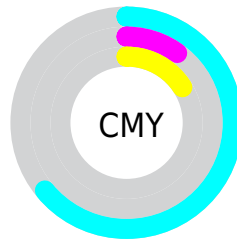
- Red (36%)
- Green (90%)
- Blue (84%)



- Red (36%)
- Yellow (64%)
- Blue (90%)



- Cyan (60%)
- Magenta (0%)
- Yellow (6%)
- Black (10%)



- Cyan (64%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BE5D7 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 5BE5D7 by changing the saturation by 10% instead.

 5BE5D7

 5BE5D7

FFFFFF

 37C9BB

 9AFFFF

 00ADA0

 B8FFFF

 009286

 D7FFFF

 00776D

 F5FFFF

 005E55

 00453E

 002E28

 001514

 000000

 5BE5D7

 5BE5D7

 44E5D5

 72E5D9

 2DE5D2

 89E5DC

 16E5D0

 A0E5DE

 00E5CE

 B7E5E0

 CDE5E3

 E4E5E5

 FBE5E7

 FFE5EA

 FFE5EC

Harmonies

Analogous

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



8BE2B0



5BE5D7



41E3FC

Triad

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



5BE5D7



DFC3FF



FFC38B

Complementary

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



5BE5D7



E55B69

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.



FFB8A5



5BE5D7



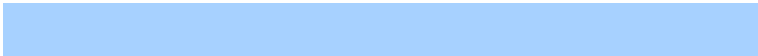
FFB7F0

Square

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



5BE5D7



A7D1FF



FFB3CA



E2D083

Rectangle

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



5BE5D7



56DFFF



FFB3CA



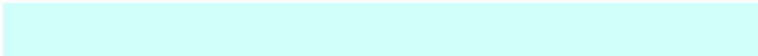
FFBF92

Sweetspot

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



5BE5D7



D1FFFA



6BE55B



63807D



000000



808080

Same Dimension

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



5BE5D7



47FFEC



5BB0E5



677372



00B3A0



00332E

Inverse Universe

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



E55B69



FF475A



E5905B



736768



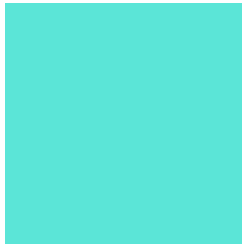
B30012



330005

Previews

White Background



This preview shows how the Hex color 5BE5D7 looks on a white background.

Color Contrast Check

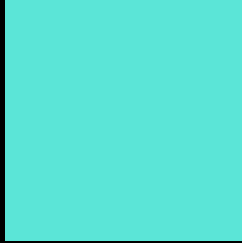
Large Text (above 18pt) WCAG AA × Fail

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 5BE5D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

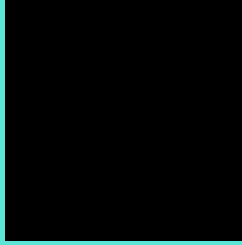
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

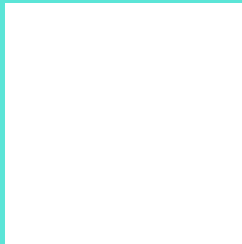
Any Text WCAG AAA ✓ Pass

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

Hex 5BE5D7 Background



This preview shows how black text looks on a background with the Hex color 5BE5D7.

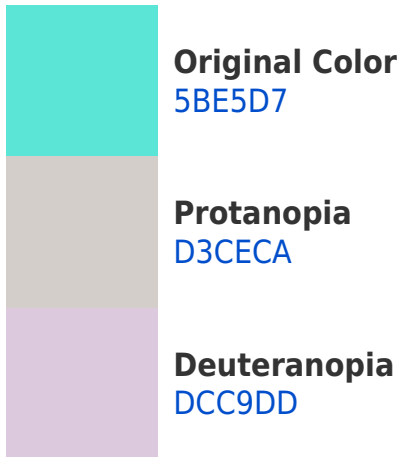


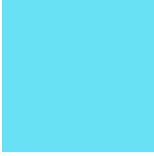
This preview shows how white text looks on a background with the Hex color 5BE5D7.

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
67E1F3

Trichromacy



Original Color
5BE5D7



Protanomaly
A7D6CF



Deuteranomaly
ADD3DB

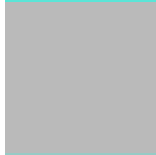


Tritanomaly
63E2E9

Monochromacy



Original Color
5BE5D7



Achromatopsia
BABABA



Achromatomaly
97CAC5

CSS Examples

Text

The CSS property to change the color of the text to Hex 5BE5D7 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 #5BE5D7 looks like.

```
.text, #text, p{  
    color:#5BE5D7  
}
```

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 #5BE5D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BE5D7
}
```

Border

The CSS property to change the border of an element to Hex 5BE5D7 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
#5BE5D7 }
```

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

```
.border{ border-color:#5BE5D7 }
```

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

Here you see how a box with a 4 pixel #5BE5D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BE5D7; -webkit-box-shadow:4px 4px  
4px 4px #5BE5D7; box-shadow:4px 4px 4px  
4px #5BE5D7 }
```

Background

The CSS property to change the background color of an element to Hex 5BE5D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BE5D7 }
```

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

```
.background{ background-color:#5BE5D7 }
```

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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