

Converting Colors

Hex(5BE0D5)

Have a look what the booklet for
Hex(5BE0D5) contains.

Hex(5BE0D5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5BE0D5)

Conversions

Conversions Part 1

Format	Color
Hex	5BE0D5
RGB	91, 224, 213
RGB Percent	36%, 88%, 84%
CMY	0.6431, 0.1216, 0.1647
CMYK	0.59, 0.00, 0.05, 0.12
HSL	175°, 68%, 62%
HSV	175°, 59%, 88%
XYZ	42.9803, 60.3396, 72.3322
YIQ	182.9790, -75.7370, -31.6170

Conversions

Conversions Part 2

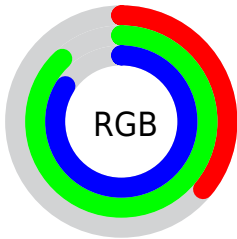
Format	Color
R _Y B	91, 160, 224
Decimal	6021333
CIE Lab	82.02, -38.73, -5.51
CIE LCh	82, 39.122, 188.091
Yxy	60.3396, 0.2447, 0.3435
Android (android.graphics.Color)	4284211413 (0xFF5BE0D5)
YUV	182.9790, 14.8004, -80.6656
Hunter-Lab	77.6785, -37.1717, -0.8343

Details

The Hex color **5BE0D5** 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 **E05B66**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **99FFFF**, and **00A89E** is the 20% darker color. If you saturate the color by 10%, you get **45E0D3**, and if you desaturate by 10%, it is **71E0D7**.

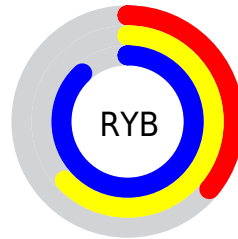
Distribution



Red (36%)

Green (88%)

Blue (84%)



Red (36%)

Yellow (63%)

Blue (88%)

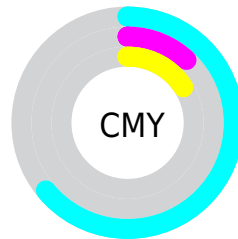


Cyan (59%)

Magenta (0%)

Yellow (5%)

Black (12%)



Cyan (64%)

Magenta (12%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BE0D5 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 5BE0D5 by changing the saturation by 10% instead.

 5BE0D5

 5BE0D5

FFFFFF

 37C4B9

 99FFFF

 00A89E

 B7FFFF

 008D84

 D6FFFF

 00736B

 F4FFFF

 005A53

 00413C

 002B26

 000E12

 000000

 5BE0D5

 5BE0D5

 45E0D3

 71E0D7

 2EE0D1

 88E0D9

 18E0CF

 9EE0DB

 01E0CE

 B5E0DC

 00E0CD

 CBE0DE

 E1E0E0

 F8E0E2

 FFE0E4

 FFE0E6

Harmonies

Analogous

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



87DEAF



5BE0D5



48DEF8

Triad

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



5BE0D5



DEBFFF



FCC089

Complementary

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



5BE0D5



E05B66

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.



FFB5A0



5BE0D5



FFB4E8

Square

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



5BE0D5



A9CCFF



FFB0C3



DBCD83

Rectangle

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



5BE0D5



5DDAFF



FFB0C3



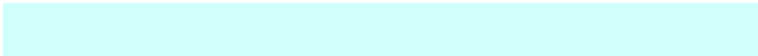
FFBC8F

Sweetspot

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



5BE0D5



D1FFFB



66E05B



63807D



000000



808080

Same Dimension

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



5BE0D5



4AFFFO



5BA9E0



65706F



00B0A1



00302C

Inverse Universe

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



E05B66



FF4A59



E0925B



706566



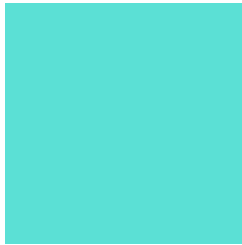
B0000F



300004

Previews

White Background



This preview shows how the Hex color 5BE0D5 looks on a white background.

Color Contrast Check

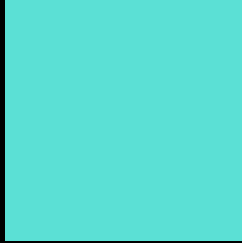
Large Text (above 18pt) WCAG AA × Fail

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 5BE0D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

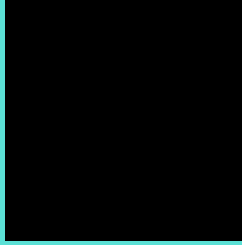
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

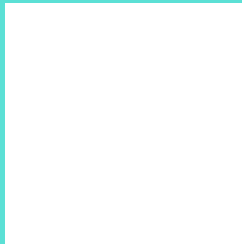
Any Text WCAG AAA ✓ Pass

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

Hex 5BE0D5 Background



This preview shows how black text looks on a background with the Hex color 5BE0D5.

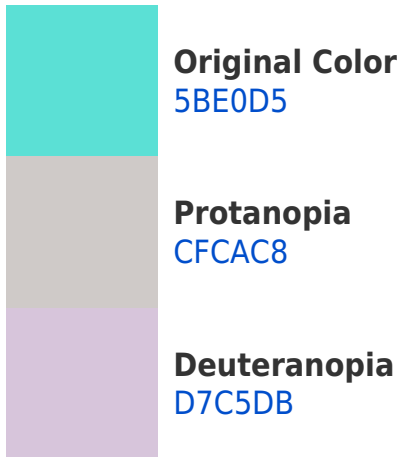


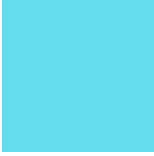
This preview shows how white text looks on a background with the Hex color 5BE0D5.

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
65DCEE

Trichromacy



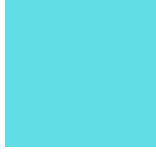
Original Color
5BE0D5



Protanomaly
A5D2CD



Deuteranomaly
AACFD9

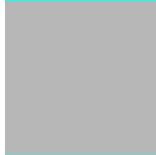


Tritanomaly
61DDE5

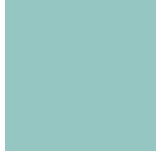
Monochromacy



Original Color
5BE0D5



Achromatopsia
B7B7B7



Achromatomaly
96C6C2

CSS Examples

Text

The CSS property to change the color of the text to Hex 5BE0D5 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 #5BE0D5 looks like.

```
.text, #text, p{  
    color:#5BE0D5  
}
```

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 #5BE0D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BE0D5  
}
```

Border

The CSS property to change the border of an element to Hex 5BE0D5 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  
#5BE0D5 }
```

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

```
.border{ border-color:#5BE0D5 }
```

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

Here you see how a box with a 4 pixel #5BE0D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BE0D5; -webkit-box-shadow:4px 4px  
4px 4px #5BE0D5; box-shadow:4px 4px 4px  
4px #5BE0D5 }
```

Background

The CSS property to change the background color of an element to Hex 5BE0D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BE0D5 }
```

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

```
.background{ background-color:#5BE0D5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor