

Converting Colors

Hex(5BD4D8)

Have a look what the booklet for
Hex(5BD4D8) contains.

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Color

Hex(5BD4D8)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5BD4D8 |
| RGB | 91, 212, 216 |
| RGB Percent | 36%, 83%, 85% |
| CMY | 0.6431, 0.1686, 0.1529 |
| CMYK | 0.58, 0.02, 0.00, 0.15 |
| HSL | 182°, 62%, 60% |
| HSV | 182°, 58%, 85% |
| XYZ | 40.2525, 54.2690, 73.3192 |
| YIQ | 176.2770, -73.4000, -24.4080 |

Conversions

Conversions Part 2

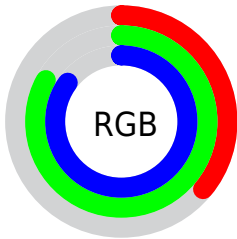
| Format | Color |
|-------------------------------------|--|
| RYB | 91, 152, 216 |
| Decimal | 6018264 |
| CIELab | 78.62, -32.36, -12.17 |
| CIElCh | 79, 34.568, 200.605 |
| Yxy | 54.2690, 0.2398, 0.3233 |
| Android (android.graphics.Color) | 4284208344 (0xFF5BD4D8) |
| YUV | 176.2770, 19.5834, -74.7879 |
| Hunter-Lab | 73.6675, -31.3842, -7.4424 |

Details

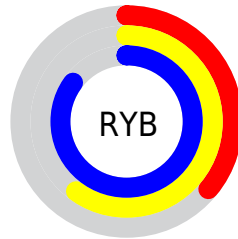
The Hex color **5BD4D8** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D85F5B**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **98FFFF**, and **009DA1** is the 20% darker color. If you saturate the color by 10%, you get **45D3D8**, and if you desaturate by 10%, it is **71D5D8**.

Distribution



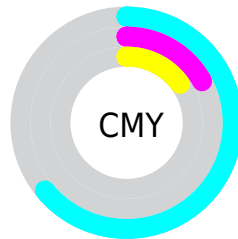
- Red (36%)
- Green (83%)
- Blue (85%)



- Red (36%)
- Yellow (60%)
- Blue (85%)



- Cyan (58%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (64%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BD4D8 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 5BD4D8 by changing the saturation by 10% instead.

 5BD4D8

 5BD4D8

FFFFFF

 38B8BC

 98FFFF

 009DA1

 B6FFFF

 008287

 D4FFFF

 00696E

 F3FFFF

 005055

 00383E

 002428

 000114

 000000

■ 5BD4D8

■ 5BD4D8

■ 45D3D8

■ 71D5D8

■ 30D3D8

■ 86D5D8

■ 1AD2D8

■ 9CD6D8

■ 05D1D8

■ B1D7D8

■ 00D1D8

■ C7D7D8

■ DDD8D8

■ F2D9D8

■ FFDAD8

Harmonies

Analogous

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



78D4B7



5BD4D8



60D0F3

Triad

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



5BD4D8



E2B3EC



E2BD83

Complementary

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



5BD4D8



D85F5B

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.



F9B292



5BD4D8



FBABCE

Square

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



5BD4D8



B9BEFE



FFABAD



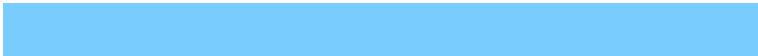
C2C786

Rectangle

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



5BD4D8



79CCFE



FFABAD



EBB987

Sweetspot

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



5BD4D8



D4FEFF



5BD85D



667F80



000000



808080

Same Dimension

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



5BD4D8



4FF9FF



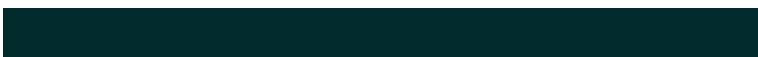
5B97D8



606B6B



00A5AB



002A2B

Inverse Universe

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



D85BD4



FF4FF9



D89C5B



6B606B



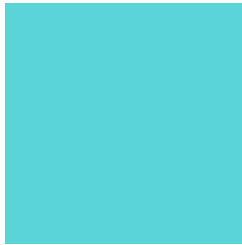
AB00A5



2B002A

Previews

White Background



This preview shows how the Hex color 5BD4D8 looks on a white background.

Color Contrast Check

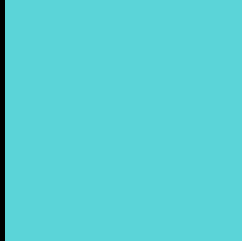
Large Text (above 18pt) WCAG AA × Fail

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 5BD4D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

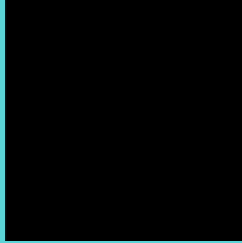
Any Text WCAG AA ✓ Pass

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 5BD4D8 Background



This preview shows how black text looks on a background with the Hex color 5BD4D8.

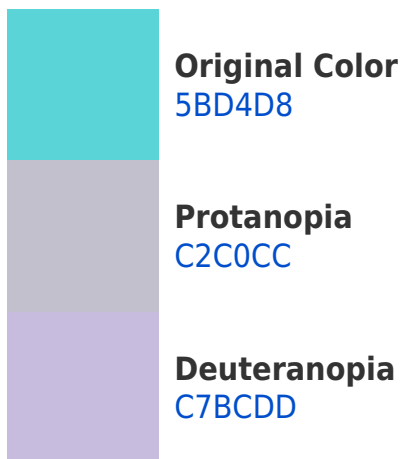


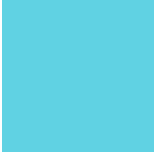
This preview shows how white text looks on a background with the Hex color 5BD4D8.

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](#).

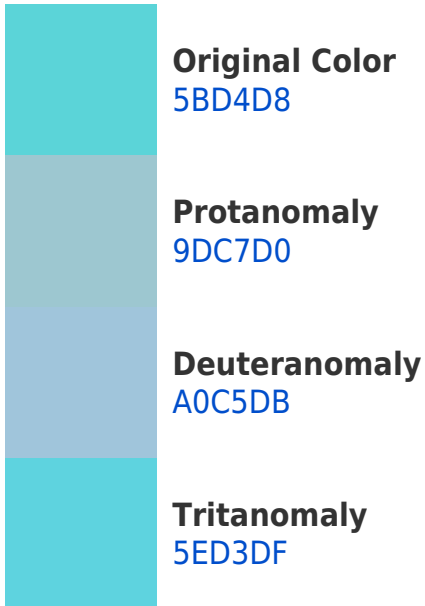
Dichromacy



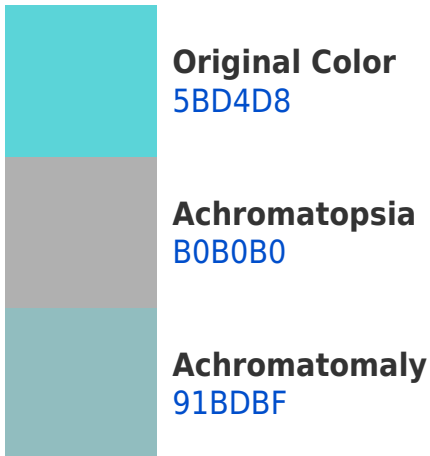


Tritanopia
60D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BD4D8 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 #5BD4D8 looks like.

```
.text, #text, p{  
    color:#5BD4D8  
}
```

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 #5BD4D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BD4D8  
}
```

Border

The CSS property to change the border of an element to Hex 5BD4D8 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  
#5BD4D8 }
```

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

```
.border{ border-color:#5BD4D8 }
```

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

Here you see how a box with a 4 pixel #5BD4D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BD4D8; -webkit-box-shadow:4px 4px  
4px 4px #5BD4D8; box-shadow:4px 4px 4px  
4px #5BD4D8 }
```

Background

The CSS property to change the background color of an element to Hex 5BD4D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BD4D8 }
```

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

```
.background{ background-color:#5BD4D8 }
```

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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