

Converting Colors

Hex(5DCBCB)

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

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Color

Hex(5DCBCB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5DCBCB |
| RGB | 93, 203, 203 |
| RGB Percent | 36%, 80%, 80% |
| CMY | 0.6353, 0.2039, 0.2039 |
| CMYK | 0.54, 0.00, 0.00, 0.20 |
| HSL | 180°, 51%, 58% |
| HSV | 180°, 54%, 80% |
| XYZ | 36.6496, 49.3508, 64.0939 |
| YIQ | 170.1100, -65.5600, -23.3200 |

Conversions

Conversions Part 2

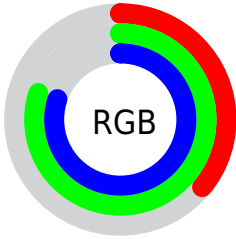
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 93, 148, 203 |
| Decimal | 6147019 |
| CIELab | 75.67, -31.20, -9.57 |
| CIELCh | 76, 32.632, 197.046 |
| Yxy | 49.3508, 0.2442, 0.3288 |
| Android (android.graphics.Color) | 4284337099 (0xFF5DCBCB) |
| YUV | 170.1100, 16.2148, -67.6255 |
| Hunter-Lab | 70.2501, -29.8140, -4.9192 |

Details

The Hex color **5DCBCB** 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 **CB5D5D**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **98FFFF**, and **109495** is the 20% darker color. If you saturate the color by 10%, you get **49CBCB**, and if you desaturate by 10%, it is **71CBCB**.

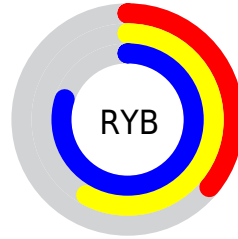
Distribution



Red (36%)

Green (80%)

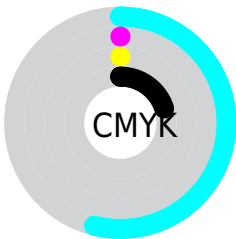
Blue (80%)



Red (36%)

Yellow (58%)

Blue (80%)

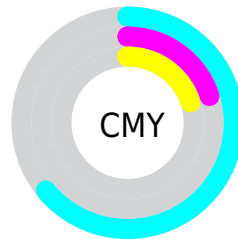


Cyan (54%)

Magenta (0%)

Yellow (0%)

Black (20%)



Cyan (64%)

Magenta (20%)

Yellow (20%)

Brightness & Saturation Gradients

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

 5DCBCB

 5DCBCB

FFFFFF

 3DAFB0

 98FFFF

 109495

 B6FFFF

 007A7B

 D4FFFF

 006162

 F2FFFF

 00494B

 003134

 001D1F

 000005

 000000

 5DCBCB

 5DCBCB

 49CBCB

 71CBCB

 34CBCB

 86CBCB

 20CBCB

 9ACBCB

 0CCBCB

 AECBCB

 00CBCB

 C3CBCB

 D7CBCB

 EBCBCB

 FFCBCB

Harmonies

Analogous

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



79CAAC



5DCBCB



5DC8E6

Triad

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



5DCBCB



D4ADE4



DBB480

Complementary

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



5DCBCB



CB5D5D

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.



F0AA90



5DCBCB



EEA5C9

Square

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



5DCBCB



ACB7F4



F7A4AA



BEBE80

Rectangle

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



5DCBCB



72C4F1



F7A4AA



E3B184

Sweetspot

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



5DCBCB



D6FFFF



5DCB5D



678080



000000



808080

Same Dimension

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



5DCBCB



59FFFF



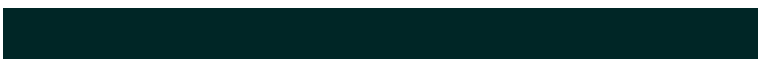
5D94CB



5C6666



00A6A6



002626

Inverse Universe

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



CB5DCB



FF59FF



CB945D



665C66



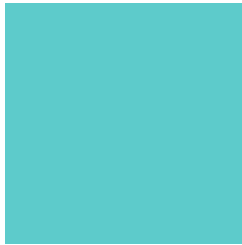
A600A6



260026

Previews

White Background



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

Color Contrast Check

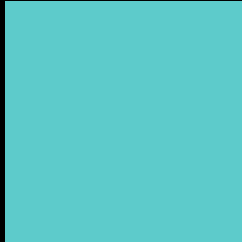
Large Text (above 18pt) WCAG AA × Fail

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 5DCBCB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

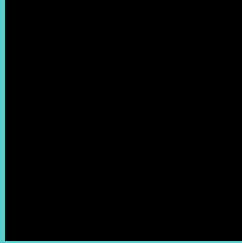
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

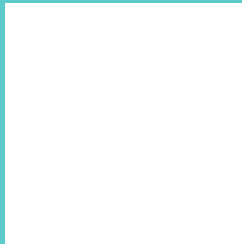
Any Text WCAG AAA ✓ Pass

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

Hex 5DCBCB Background



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

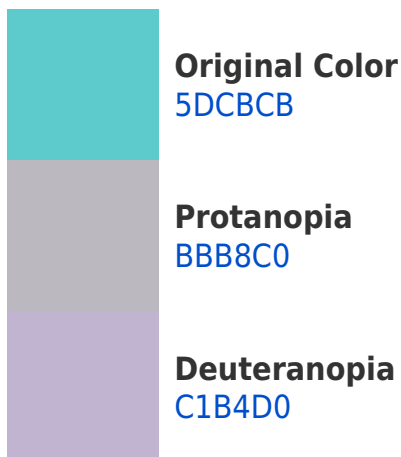


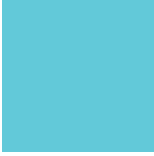
This preview shows how white text looks on a background with the Hex color 5DCBCB.

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](#).

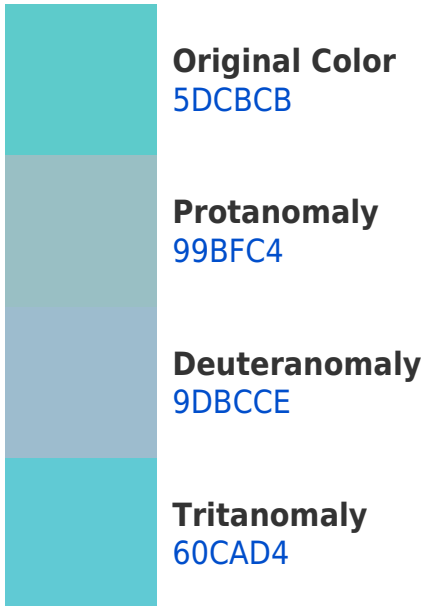
Dichromacy





Tritanopia
62C9D9

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #5DCBCB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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