

Converting Colors

Hex(5DC2CD)

Have a look what the booklet for
Hex(5DC2CD) contains.

Hex(5DC2CD)	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(5DC2CD)

Conversions

Conversions Part 1

Format	Color
Hex	5DC2CD
RGB	93, 194, 205
RGB Percent	36%, 76%, 80%
CMY	0.6353, 0.2392, 0.1961
CMYK	0.55, 0.05, 0.00, 0.20
HSL	186°, 53%, 58%
HSV	186°, 55%, 80%
XYZ	34.8254, 45.3185, 64.6695
YIQ	165.0550, -63.7270, -17.9910

Conversions

Conversions Part 2

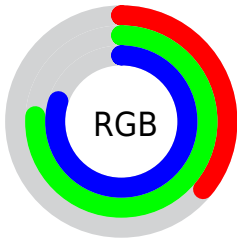
Format	Color
R_{YB}	93, 146, 205
Decimal	6144717
CIE _{Lab}	73.10, -26.27, -14.49
CIE _{LCh}	73, 30.004, 208.885
Yxy	45.3185, 0.2405, 0.3129
Android (android.graphics.Color)	4284334797 (0xFF5DC2CD)
YUV	165.0550, 19.6929, -63.1922
Hunter-Lab	67.3190, -25.4668, -9.8331

Details

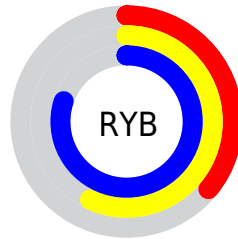
The Hex color **5DC2CD** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **CD685D**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **98FBFF**, and **138C97** is the 20% darker color. If you saturate the color by 10%, you get **49C0CD**, and if you desaturate by 10%, it is **72C4CD**.

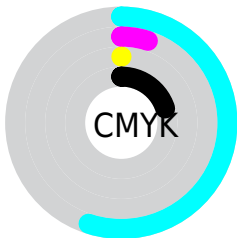
Distribution



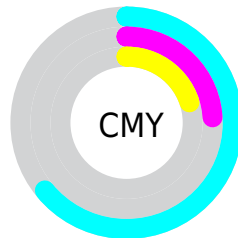
- Red (36%)
- Green (76%)
- Blue (80%)



- Red (36%)
- Yellow (57%)
- Blue (80%)



- Cyan (55%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (64%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DC2CD 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 5DC2CD by changing the saturation by 10% instead.

 5DC2CD

 5DC2CD

FFFFFF

 3DA7B2

 98FBFF

 138C97

 B5FFFF

 00727D

 D3FFFF

 005964

 F1FFFF

 00424C

 002B35

 001420

 000006

 000000

 5DC2CD

 5DC2CD

 49C0CD

 72C4CD

 34BECD

 86C6CD

 1FBCCD

 9BC8CD

 0BBACD

 AFCACD

 00B9CD

 C3CCCD

 D8CECD

 ECD0CD

 FFD2CD

 FFD4CD

Harmonies

Analogous

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



6DC3B1



5DC2CD



6BBEE2

Triad

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



5DC2CD



D6A4D0



C8B17D

Complementary

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



5DC2CD



CD685D

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.



DEA885



5DC2CD



E89FB6

Square

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



5DC2CD



B6ADE3



EAA19A



ABBA83

Rectangle

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



5DC2CD



81B9E9



EAA19A



D0AE7E

Sweetspot

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



5DC2CD



D6FBFF



5DCD66



677D80



000000



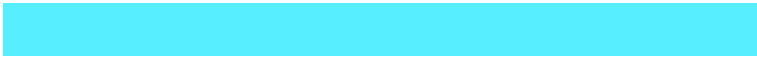
808080

Same Dimension

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



5DC2CD



57EEFF



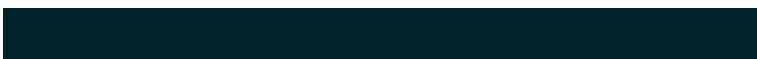
5D8CCD



5C6566



0095A6



002226

Inverse Universe

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



CD5DC2



FF57EE



CD9E5D



665C65



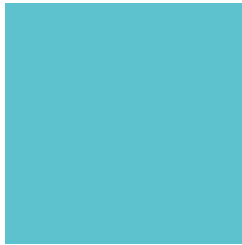
A60095



260022

Previews

White Background



This preview shows how the Hex color 5DC2CD looks on a white background.

Color Contrast Check

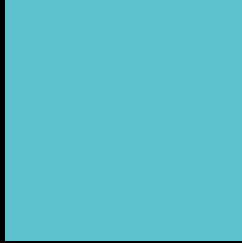
Large Text (above 18pt) WCAG AA × Fail

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 5DC2CD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

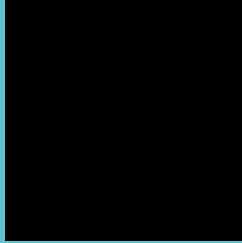
Any Text WCAG AA ✓ Pass

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 5DC2CD Background



This preview shows how black text looks on a background with the Hex color 5DC2CD.

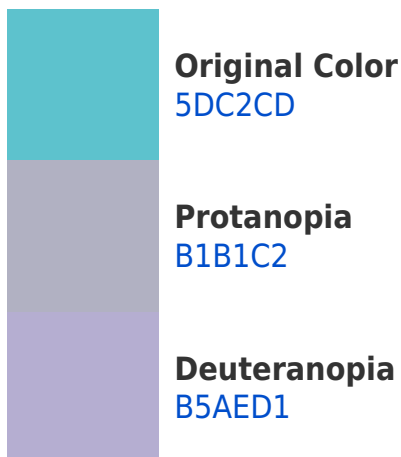


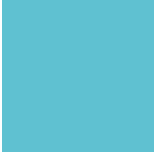
This preview shows how white text looks on a background with the Hex color 5DC2CD.

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](#).

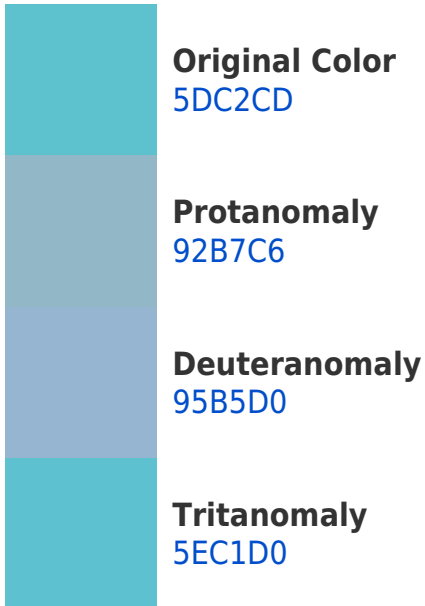
Dichromacy



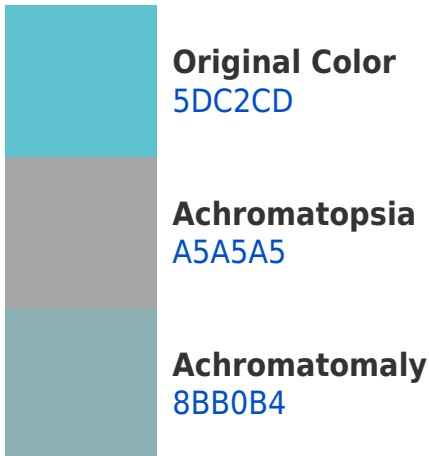


Tritanopia
5FC1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DC2CD 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 #5DC2CD looks like.

```
.text, #text, p{  
    color:#5DC2CD  
}
```

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 #5DC2CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DC2CD
}
```

Border

The CSS property to change the border of an element to Hex 5DC2CD 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
#5DC2CD }
```

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

```
.border{ border-color:#5DC2CD }
```

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

Here you see how a box with a 4 pixel #5DC2CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DC2CD; -webkit-box-shadow:4px 4px  
4px 4px #5DC2CD; box-shadow:4px 4px 4px  
4px #5DC2CD }
```

Background

The CSS property to change the background color of an element to Hex 5DC2CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DC2CD }
```

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

```
.background{ background-color:#5DC2CD }
```

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