

Converting Colors

Hex(5DC4B5)

Have a look what the booklet for
Hex(5DC4B5) contains.

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Color

Hex(5DC4B5)

Conversions

Conversions Part 1

Format	Color
Hex	5DC4B5
RGB	93, 196, 181
RGB Percent	36%, 77%, 71%
CMY	0.6353, 0.2314, 0.2902
CMYK	0.53, 0.00, 0.08, 0.23
HSL	171°, 47%, 57%
HSV	171°, 53%, 77%
XYZ	32.5946, 45.1432, 50.7117
YIQ	163.4930, -56.5730, -26.5010

Conversions

Conversions Part 2

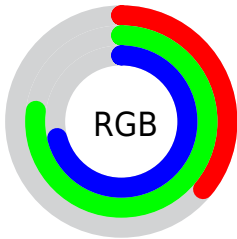
Format	Color
RYB	93, 149, 196
Decimal	6145205
CIELab	72.99, -33.58, -1.60
CIELCh	73, 33.622, 182.735
Yxy	45.1432, 0.2538, 0.3514
Android (android.graphics.Color)	4284335285 (0xFF5DC4B5)
YUV	163.4930, 8.6310, -61.8224
Hunter-Lab	67.1887, -30.9862, 2.2821

Details

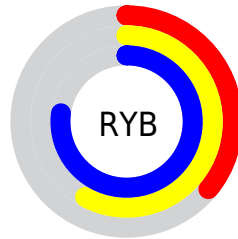
The Hex color **5DC4B5** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **C45D6C**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **97FDED**, and **198E80** is the 20% darker color. If you saturate the color by 10%, you get **49C4B2**, and if you desaturate by 10%, it is **71C4B8**.

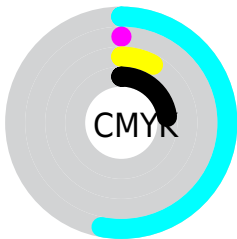
Distribution



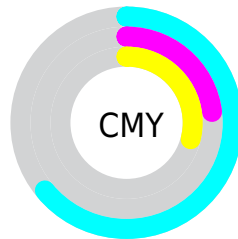
- Red (36%)
- Green (77%)
- Blue (71%)



- Red (36%)
- Yellow (58%)
- Blue (77%)



- Cyan (53%)
- Magenta (0%)
- Yellow (8%)
- Black (23%)



- Cyan (64%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DC4B5 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 5DC4B5 by changing the saturation by 10% instead.

 5DC4B5

 5DC4B5

FFFFFF

 3FA89A

 97FDED

 198E80

 B4FFFF

 007467

 D1FFFF

 005B4F

 EFFFFFF

 004238

 002C23

 00130E

 000000

 5DC4B5

 5DC4B5

■ 49C4B2

■ 71C4B8

■ 36C4AF

■ 84C4BB

■ 22C4AC

■ 98C4BE

■ 0FC4AA

■ ABC4C0

■ 00C4A7

■ BFC4C3

■ D3C4C6

■ E6C4C9

■ FAC4CC

■ FFC4CF

Harmonies

Analogous

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



81C196



5DC4B5



4AC3D3

Triad

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



5DC4B5



BBAE7



E0A87D

Complementary

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



5DC4B5



C45D6C

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.



EF9F93



5DC4B5



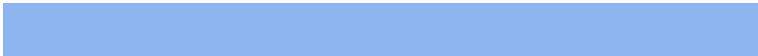
DDA0D0

Square

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



5DC4B5



8EB5F0



EE9CB1



C6B275

Rectangle

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



5DC4B5



54C0E3



EE9CB1



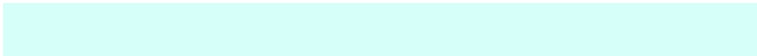
E6A483

Sweetspot

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



5DC4B5



D6FFF9



6CC45D



67807C



000000



808080

Same Dimension

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



5DC4B5



5EFFE8



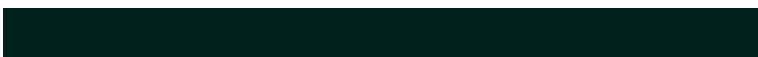
5DA0C4



57615F



00A189



00211C

Inverse Universe

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



C45D6C



FF5E76



C4815D



615759



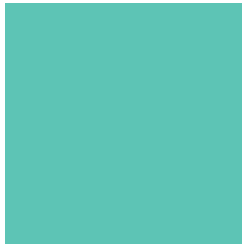
A10017



210005

Previews

White Background



This preview shows how the Hex color 5DC4B5 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 5DC4B5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

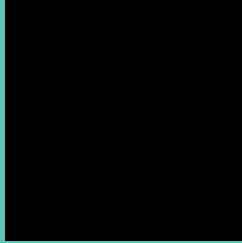
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

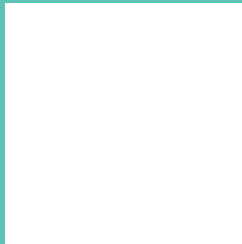
Any Text WCAG AAA ✓ Pass

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

Hex 5DC4B5 Background



This preview shows how black text looks on a background with the Hex color 5DC4B5.

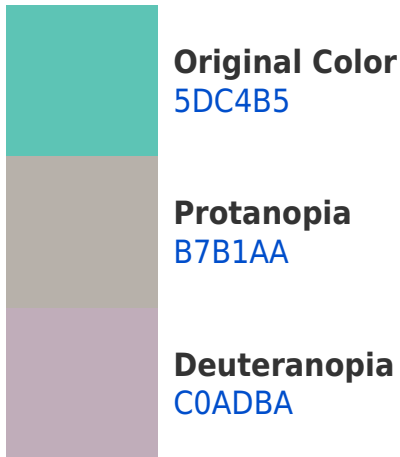


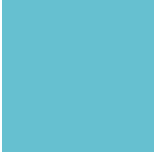
This preview shows how white text looks on a background with the Hex color 5DC4B5.

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
66C0D0

Trichromacy



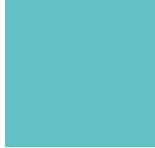
Original Color
5DC4B5



Protanomaly
96B8AE



Deuteranomaly
9CB5B8



Tritanomaly
63C1C6

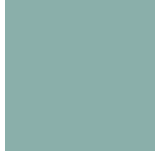
Monochromacy



Original Color
5DC4B5



Achromatopsia
A3A3A3



Achromatomaly
8AAFAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DC4B5 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 #5DC4B5 looks like.

```
.text, #text, p{  
    color:#5DC4B5  
}
```

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 #5DC4B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DC4B5
}
```

Border

The CSS property to change the border of an element to Hex 5DC4B5 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
#5DC4B5 }
```

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

```
.border{ border-color:#5DC4B5 }
```

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

Here you see how a box with a 4 pixel #5DC4B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DC4B5; -webkit-box-shadow:4px 4px  
4px 4px #5DC4B5; box-shadow:4px 4px 4px  
4px #5DC4B5 }
```

Background

The CSS property to change the background color of an element to Hex 5DC4B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DC4B5 }
```

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

```
.background{ background-color:#5DC4B5 }
```

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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