

Converting Colors

Hex(5DCAB2)

Have a look what the booklet for
Hex(5DCAB2) contains.

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Color

Hex(5DCAB2)

Conversions

Conversions Part 1

Format	Color
Hex	5DCAB2
RGB	93, 202, 178
RGB Percent	36%, 79%, 70%
CMY	0.6353, 0.2078, 0.3020
CMYK	0.54, 0.00, 0.12, 0.21
HSL	167°, 51%, 58%
HSV	167°, 54%, 79%
XYZ	33.6706, 47.7826, 49.5678
YIQ	166.6730, -57.2600, -30.5720

Conversions

Conversions Part 2

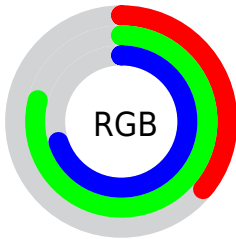
Format	Color
RYB	93, 154, 202
Decimal	6146738
CIELab	74.69, -37.11, 2.50
CIELCh	75, 37.193, 176.140
Yxy	47.7826, 0.2570, 0.3647
Android (android.graphics.Color)	4284336818 (0xFF5DCAB2)
YUV	166.6730, 5.5842, -64.6112
Hunter-Lab	69.1249, -34.0217, 5.8720

Details

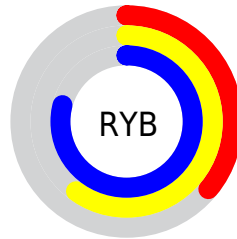
The Hex color **5DCAB2** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **CA5D75**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **97FFEA**, and **17937D** is the 20% darker color. If you saturate the color by 10%, you get **49CAAE**, and if you desaturate by 10%, it is **71CAB6**.

Distribution



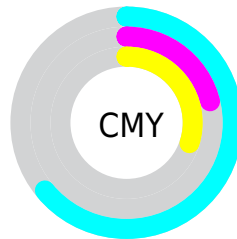
- Red (36%)
- Green (79%)
- Blue (70%)



- Red (36%)
- Yellow (60%)
- Blue (79%)



- Cyan (54%)
- Magenta (0%)
- Yellow (12%)
- Black (21%)



- Cyan (64%)
- Magenta (21%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DCAB2 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 5DCAB2 by changing the saturation by 10% instead.

 5DCAB2

 5DCAB2

FFFFFF

 3EAE97

 97FFEA

 17937D

 B4FFFF

 007965

 D2FFFF

 00604D

 EFFFFFF

 004736

 003021

 00190A

 000000

 5DCAB2

 5DCAB2

 49CAA E

 71CAB 6

 35CAA 9

 85CAB B

 20CAA 5

 9ACAB F

 0CCAA 0

 AECAC 4

 00CAA 9E

 C2CAC 8

 D6CAC D

 EACAD 1

 FFCAD 6

 FFCAD A

Harmonies

Analogous

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



88C691



5DCAB2



39CAD5

Triad

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



5DCAB2



B6B1F5



EDA880

Complementary

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



5DCAB2



CA5D75

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.



FB9F9B



5DCAB2



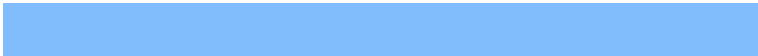
DFA5DE

Square

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



5DCAB2



81BCFC



F69EBE



D3B473

Rectangle

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



5DCAB2



3EC7E8



F69EBE



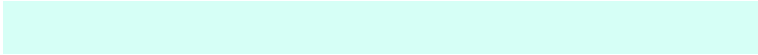
F3A588

Sweetspot

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



5DCAB2



D6FFF6



76CA5D



67807A



000000



808080

Same Dimension

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



5DCAB2



59FFDB



5DADCA



5C6664



00A681



00261E

Inverse Universe

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



CA5D75



FF597E



CA7A5D



665C5E



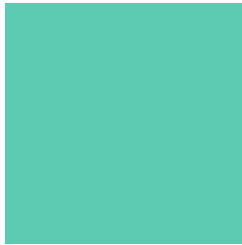
A60024



260008

Previews

White Background



This preview shows how the Hex color 5DCAB2 looks on a white background.

Color Contrast Check

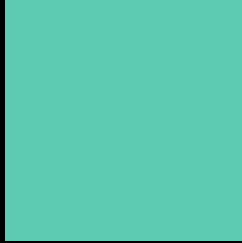
Large Text (above 18pt) WCAG AA × Fail

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 5DCAB2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

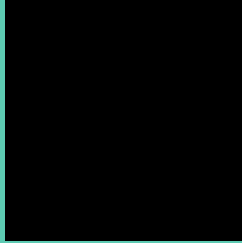
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

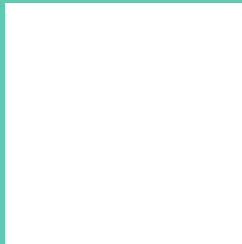
Any Text WCAG AAA ✓ Pass

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

Hex 5DCAB2 Background



This preview shows how black text looks on a background with the Hex color 5DCAB2.

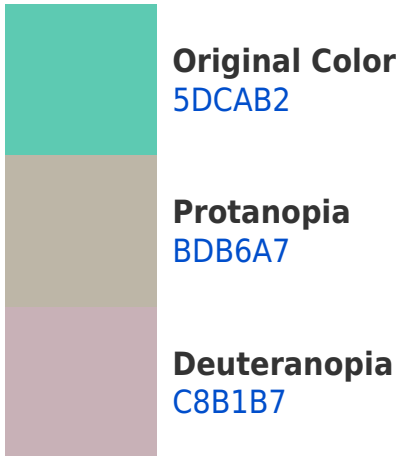


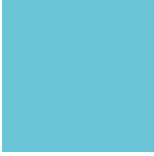
This preview shows how white text looks on a background with the Hex color 5DCAB2.

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
69C5D5

Trichromacy



Original Color
5DCAB2



Protanomaly
9ABDAB



Deuteranomaly
A1BAB5



Tritanomaly
65C7C8

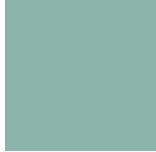
Monochromacy



Original Color
5DCAB2



Achromatopsia
A7A7A7



Achromatomaly
8CB4AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DCAB2 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 #5DCAB2 looks like.

```
.text, #text, p{  
    color:#5DCAB2  
}
```

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 #5DCAB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DCAB2
}
```

Border

The CSS property to change the border of an element to Hex 5DCAB2 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
#5DCAB2 }
```

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

```
.border{ border-color:#5DCAB2 }
```

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

Here you see how a box with a 4 pixel #5DCAB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DCAB2; -webkit-box-shadow:4px 4px  
4px 4px #5DCAB2; box-shadow:4px 4px 4px  
4px #5DCAB2 }
```

Background

The CSS property to change the background color of an element to Hex 5DCAB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DCAB2 }
```

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

```
.background{ background-color:#5DCAB2 }
```

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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