

Converting Colors

Hex(5DCAD9)

Have a look what the booklet for
Hex(5DCAD9) contains.

Hex(5DCAD9)	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(5DCAD9)

Conversions

Conversions Part 1

Format	Color
Hex	5DCAD9
RGB	93, 202, 217
RGB Percent	36%, 79%, 85%
CMY	0.6353, 0.2078, 0.1490
CMYK	0.57, 0.07, 0.00, 0.15
HSL	187°, 62%, 61%
HSV	187°, 57%, 85%
XYZ	38.1591, 49.5780, 73.2039
YIQ	171.1190, -69.7790, -18.4430

Conversions

Conversions Part 2

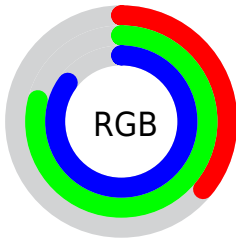
Format	Color
RYB	93, 151, 217
Decimal	6146777
CIELab	75.81, -26.87, -16.92
CIELCh	76, 31.755, 212.188
Yxy	49.5780, 0.2371, 0.3081
Android (android.graphics.Color)	4284336857 (0xFF5DCAD9)
YUV	171.1190, 22.6193, -68.5104
Hunter-Lab	70.4116, -26.4834, -12.3531

Details

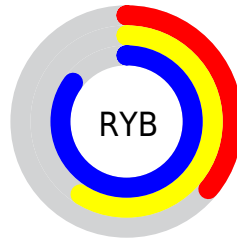
The Hex color **5DCAD9** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D96C5D**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **99FFFF**, and **0994A2** is the 20% darker color. If you saturate the color by 10%, you get **47C7D9**, and if you desaturate by 10%, it is **73CDD9**.

Distribution



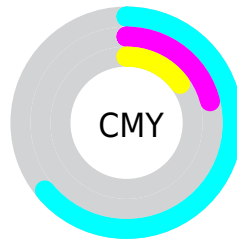
- Red (36%)
- Green (79%)
- Blue (85%)



- Red (36%)
- Yellow (59%)
- Blue (85%)



- Cyan (57%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (64%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DCAD9 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 5DCAD9 by changing the saturation by 10% instead.

 5DCAD9

 5DCAD9

FFFFFF

 3CAEBD


 99FFFF

 0994A2

 B7FFFF

 007A88

 D5FFFF

 00606F

 F3FFFF

 004856

 00313F

 001E29

 000114

 000000

 5DCAD9

 5DCAD9

 47C7D9

 73CDD9

 32C5D9

 88CFD9

 1CC2D9

 9ED2D9

 06BFD9

 B4D5D9

 00BFD9

 CAD7D9

 DFDAD9

 F5DCD9

 FFD9D9

 FFE2D9

Harmonies

Analogous

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



6CCBBC



5DCAD9



6FC5EE

Triad

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



5DCAD9



E2A9D7



CDBA80

Complementary

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



5DCAD9



D96C5D

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.



E6B088



5DCAD9



F3A5BA

Square

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



5DCAD9



C2B3EC



F4A89D



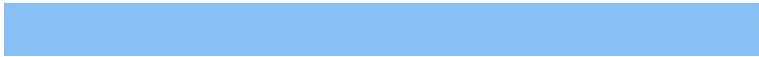
AEC289

Rectangle

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



5DCAD9



89C0F4



F4A89D



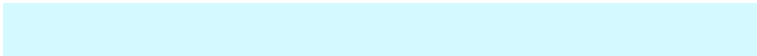
D7B681

Sweetspot

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



5DCAD9



D4FAFF



5DD96B



667C80



000000



808080

Same Dimension

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



5DCAD9



4FEAFF



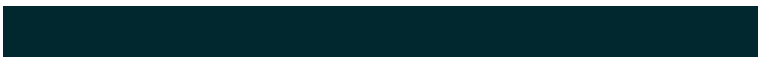
5D8DD9



636C6E



0098AD



00282E

Inverse Universe

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



D95DCA



FF4FEA



D9A95D



6E636C



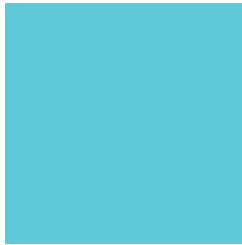
AD0098



2E0028

Previews

White Background



This preview shows how the Hex color 5DCAD9 looks on a white background.

Color Contrast Check

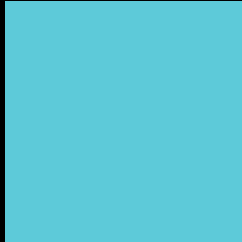
Large Text (above 18pt) WCAG AA × Fail

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 5DCAD9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

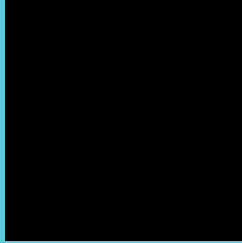
Any Text WCAG AA ✓ Pass

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 5DCAD9 Background



This preview shows how black text looks on a background with the Hex color 5DCAD9.

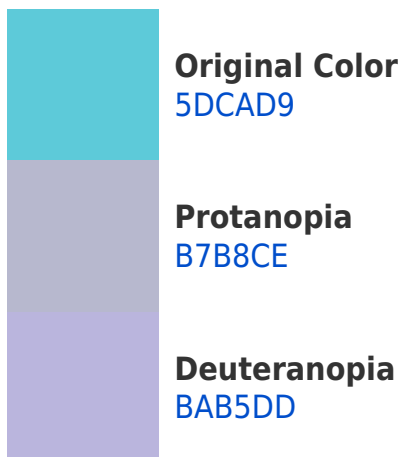


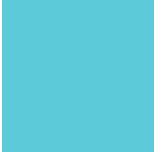
This preview shows how white text looks on a background with the Hex color 5DCAD9.

Color Blindness Simulation

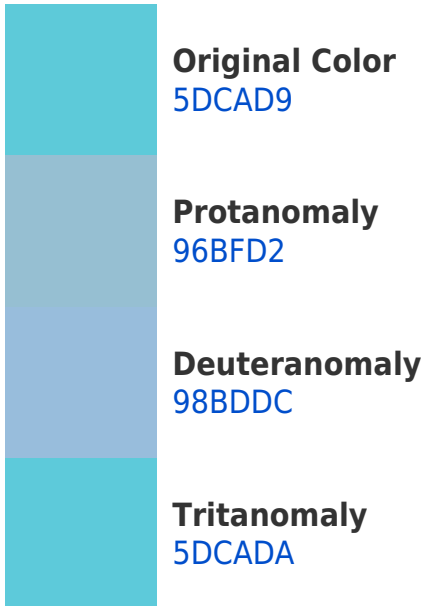
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

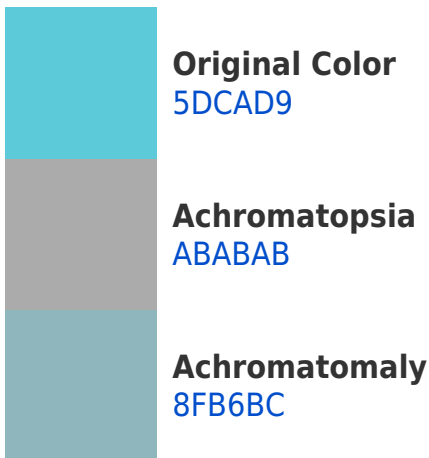




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DCAD9 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 #5DCAD9 looks like.

```
.text, #text, p{  
    color:#5DCAD9  
}
```

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 #5DCAD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DCAD9
}
```

Border

The CSS property to change the border of an element to Hex 5DCAD9 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
#5DCAD9 }
```

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

```
.border{ border-color:#5DCAD9 }
```

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

Here you see how a box with a 4 pixel #5DCAD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DCAD9; -webkit-box-shadow:4px 4px  
4px 4px #5DCAD9; box-shadow:4px 4px 4px  
4px #5DCAD9 }
```

Background

The CSS property to change the background color of an element to Hex 5DCAD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DCAD9 }
```

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

```
.background{ background-color:#5DCAD9 }
```

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