

Converting Colors

Hex(5CDCC8)

Have a look what the booklet for
Hex(5CDCC8) contains.

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Color

Hex(5CDCC8)

Conversions

Conversions Part 1

Format	Color
Hex	5CDCC8
RGB	92, 220, 200
RGB Percent	36%, 86%, 78%
CMY	0.6392, 0.1373, 0.2157
CMYK	0.58, 0.00, 0.09, 0.14
HSL	171°, 65%, 61%
HSV	171°, 58%, 86%
XYZ	40.4322, 57.6318, 63.6366
YIQ	179.4480, -69.8680, -33.3560

Conversions

Conversions Part 2

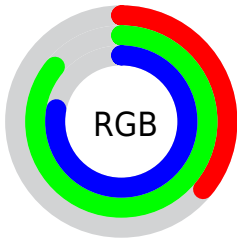
Format	Color
RYB	92, 161, 220
Decimal	6085832
CIELab	80.53, -40.05, -0.78
CIELCh	81, 40.062, 181.114
Yxy	57.6318, 0.2500, 0.3564
Android (android.graphics.Color)	4284275912 (0xFF5CDCC8)
YUV	179.4480, 10.1321, -76.6919
Hunter-Lab	75.9156, -37.7845, 3.4408

Details

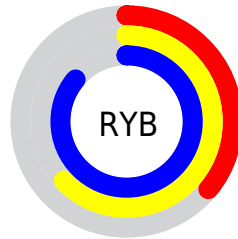
The Hex color **5CDCC8** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DC5C70**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **99FFFF**, and **00A492** is the 20% darker color. If you saturate the color by 10%, you get **46DCC5**, and if you desaturate by 10%, it is **72DCCB**.

Distribution



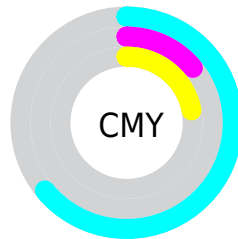
- Red (36%)
- Green (86%)
- Blue (78%)



- Red (36%)
- Yellow (63%)
- Blue (86%)



- Cyan (58%)
- Magenta (0%)
- Yellow (9%)
- Black (14%)



- Cyan (64%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CDCC8 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 5CDCC8 by changing the saturation by 10% instead.

 5CDCC8

 5CDCC8

FFFFFF

 3AC0AD

 99FFFF

 00A492

 B7FFFF

 008978

 D5FFFF

 006F60

 F3FFFF

 005648

 003E32

 00291D

 000404

 000000

■ 5CDCC8

■ 5CDCC8

■ 46DCC5

■ 72DCCB

■ 30DCC1

■ 88DCCF

■ 1ADCBE

■ 9EDCD2

■ 04DCBA

■ B4DCD6

■ 00DCBA

■ CADCD9

■ E0DCDD

■ F6DCE0

■ FFDCE4

■ FFDCE7

Harmonies

Analogous

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



8CD9A2



5CDCC8



39DBED

Triad

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



5CDCC8



CEBEFF



FEB987

Complementary

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



5CDCC8



DC5C70

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.



FFAEA3



5CDCC8



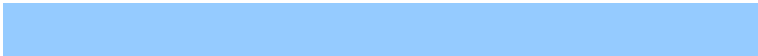
F8B1ED

Square

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



5CDCC8



95CBFF



FFABC8



E0C67C

Rectangle

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



5CDCC8



47D8FF



FFABC8



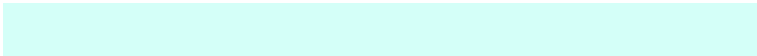
FFB58F

Sweetspot

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



5CDCC8



D4FFF8



71DC5C



66807C



000000



808080

Same Dimension

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



5CDCC8



4DFFE3



5CB1DC



636E6C



00AD92



002E27

Inverse Universe

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



DC5C70



FF4D68



DC875C



6E6364



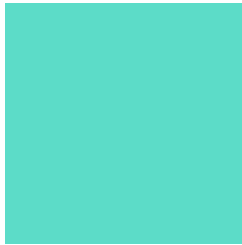
AD001B



2E0007

Previews

White Background



This preview shows how the Hex color 5CDCC8 looks on a white background.

Color Contrast Check

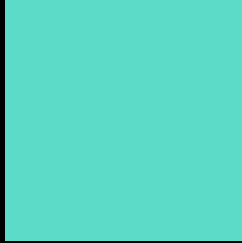
Large Text (above 18pt) WCAG AA × Fail

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 5CDCC8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

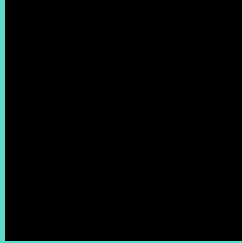
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

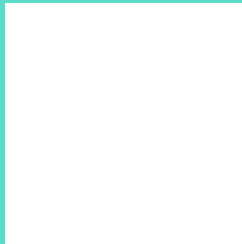
Any Text WCAG AAA ✓ Pass

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

Hex 5CDCC8 Background



This preview shows how black text looks on a background with the Hex color 5CDCC8.

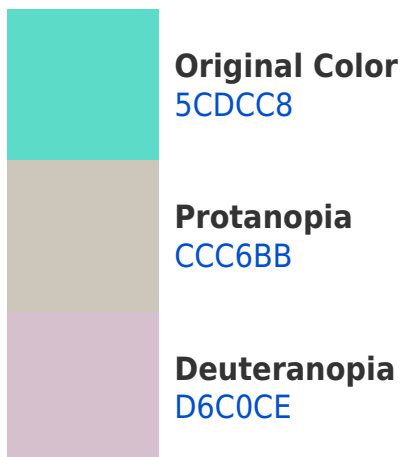


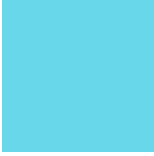
This preview shows how white text looks on a background with the Hex color 5CDCC8.

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



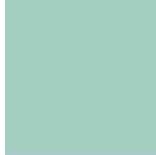


Tritanopia
68D7E9

Trichromacy



Original Color
5CDCC8



Protanomaly
A3CEC0



Deuteranomaly
AACACC

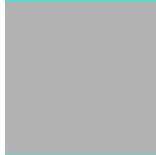


Tritanomaly
64D9DD

Monochromacy



Original Color
5CDCC8



Achromatopsia
B3B3B3



Achromatomaly
93C2BB

CSS Examples

Text

The CSS property to change the color of the text to Hex 5CDCC8 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 #5CDCC8 looks like.

```
.text, #text, p{  
    color:#5CDCC8  
}
```

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 #5CDCC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CDCC8 }  
}
```

Border

The CSS property to change the border of an element to Hex 5CDCC8 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 #5CDCC8 }  
}
```

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

```
.border{ border-color:#5CDCC8 }
```

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

Here you see how a box with a 4 pixel #5CDCC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CDCC8; -webkit-box-shadow:4px 4px  
4px 4px #5CDCC8; box-shadow:4px 4px 4px  
4px #5CDCC8 }
```

Background

The CSS property to change the background color of an element to Hex 5CDCC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CDCC8 }
```

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

```
.background{ background-color:#5CDCC8 }
```

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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