

Converting Colors

Hex(5CDFC0)

Have a look what the booklet for
Hex(5CDFC0) contains.

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Color

Hex(5CDFC0)

Conversions

Conversions Part 1

Format	Color
Hex	5CDFC0
RGB	92, 223, 192
RGB Percent	36%, 87%, 75%
CMY	0.6392, 0.1255, 0.2471
CMYK	0.59, 0.00, 0.14, 0.13
HSL	166°, 67%, 62%
HSV	166°, 59%, 87%
XYZ	40.3157, 58.8564, 59.1047
YIQ	180.2970, -68.1250, -37.4130

Conversions

Conversions Part 2

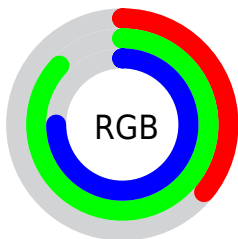
Format	Color
RYB	92, 166, 223
Decimal	6086592
CIELab	81.21, -43.34, 4.46
CIElCh	81, 43.571, 174.126
Yxy	58.8564, 0.2547, 0.3719
Android (android.graphics.Color)	4284276672 (0xFF5CDFC0)
YUV	180.2970, 5.7696, -77.4365
Hunter-Lab	76.7179, -40.4536, 8.0246

Details

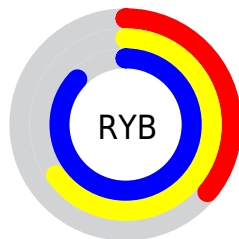
The Hex color **5CDFC0** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted cyan. A complement of this color would be **DF5C7B**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **99FFF8**, and **00A78B** is the 20% darker color. If you saturate the color by 10%, you get **46DFBB**, and if you desaturate by 10%, it is **72DFC5**.

Distribution



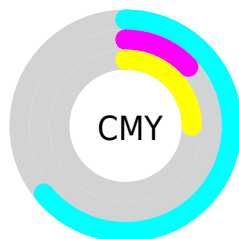
- Red (36%)
- Green (87%)
- Blue (75%)



- Red (36%)
- Yellow (65%)
- Blue (87%)



- Cyan (59%)
- Magenta (0%)
- Yellow (14%)
- Black (13%)



- Cyan (64%)
- Magenta (13%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CDFC0 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 5CDFC0 by changing the saturation by 10% instead.

 5CDFC0

 5CDFC0

FFFFFF

 3AC3A5

 99FFF8

 00A78B

 B7FFFF

 008C71

 D5FFFF

 007259

 F3FFFF

 005941

 00402B

 002A17

 000800

 000000

 5CDFC0

 5CDFC0

 46DFBB

 72DFC5

 2FDFB5

 89DFCB

 19DFB0

 9FDFD0

 03DFAB

 B5DFD5

 00DFAA

 CCDFDA

 E2DFE0

 F8DFE5

 FFDFEA

 FFDFEF

Harmonies

Analogous

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



93DA99



5CDFC0



14DFEA

Triad

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



5CDFC0



C3C2FF



FFB689

Complementary

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



5CDFC0



DF5C7B

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.



FFACAA



5CDFC0



F5B4FA

Square

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



5CDFC0



7FD0FF



FFAAD3



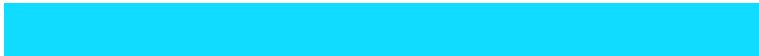
ECC578

Rectangle

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



5CDFC0



10DCFF



FFAAD3



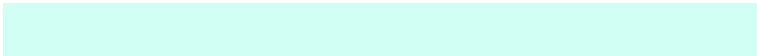
FFB293

Sweetspot

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



5CDFC0



D1FFF4



7DDF5C



638079



000000



808080

Same Dimension

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



5CDFC0



4DFFD5



5CBEDF



65706E



00B086



003025

Inverse Universe

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



DF5C7B



FF4D77



DF7D5C



706568



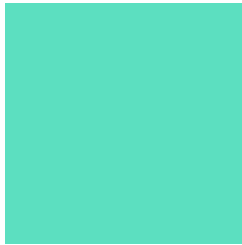
B0002A



30000B

Previews

White Background



This preview shows how the Hex color 5CDFC0 looks on a white background.

Color Contrast Check

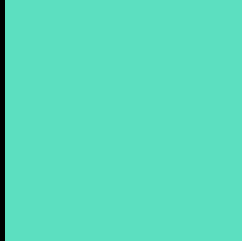
Large Text (above 18pt) WCAG AA × Fail

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 5CDFC0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

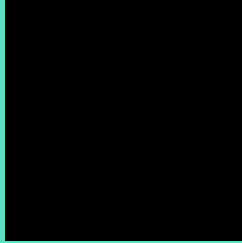
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

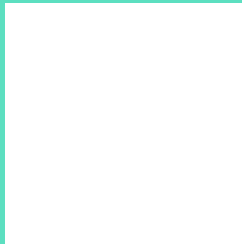
Any Text WCAG AAA ✓ Pass

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

Hex 5CDFC0 Background



This preview shows how black text looks on a background with the Hex color 5CDFC0.

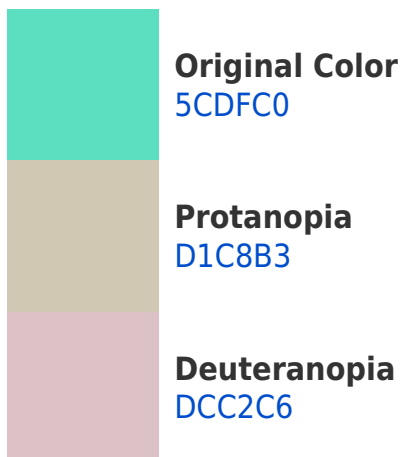


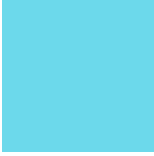
This preview shows how white text looks on a background with the Hex color 5CDFC0.

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
6CD9EB

Trichromacy



Original Color
5CDFC0



Protanomaly
A6D0B8



Deuteranomaly
ADCDC4

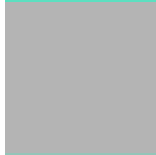


Tritanomaly
66DBDB

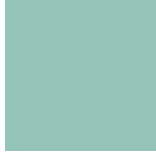
Monochromacy



Original Color
5CDFC0



Achromatopsia
B4B4B4



Achromatomaly
94C4B8

CSS Examples

Text

The CSS property to change the color of the text to Hex 5CDFC0 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 #5CDFC0 looks like.

```
.text, #text, p{  
    color:#5CDFC0  
}
```

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 #5CDFC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CDFC0
}
```

Border

The CSS property to change the border of an element to Hex 5CDFC0 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
#5CDFC0 }
```

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

```
.border{ border-color:#5CDFC0 }
```

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

Here you see how a box with a 4 pixel #5CDFC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CDFC0; -webkit-box-shadow:4px 4px  
4px 4px #5CDFC0; box-shadow:4px 4px 4px  
4px #5CDFC0 }
```

Background

The CSS property to change the background color of an element to Hex 5CDFC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CDFC0 }
```

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

```
.background{ background-color:#5CDFC0 }
```

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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