

Converting Colors

Hex(5FCED2)

Have a look what the booklet for
Hex(5FCED2) contains.

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Color

Hex(5FCED2)

Conversions

Conversions Part 1

Format	Color
Hex	5FCED2
RGB	95, 206, 210
RGB Percent	37%, 81%, 82%
CMY	0.6275, 0.1922, 0.1765
CMYK	0.55, 0.02, 0.00, 0.18
HSL	182°, 56%, 60%
HSV	182°, 55%, 82%
XYZ	38.4235, 51.2287, 68.8358
YIQ	173.2670, -67.4400, -22.2880

Conversions

Conversions Part 2

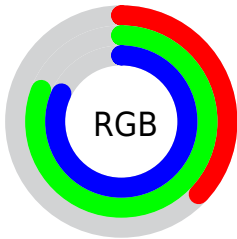
Format	Color
RYB	95, 151, 210
Decimal	6278866
CIELab	76.82, -30.37, -11.62
CIElCh	77, 32.517, 200.941
Yxy	51.2287, 0.2424, 0.3232
Android (android.graphics.Color)	4284468946 (0xFF5FCED2)
YUV	173.2670, 18.1094, -68.6402
Hunter-Lab	71.5742, -29.4299, -6.9196

Details

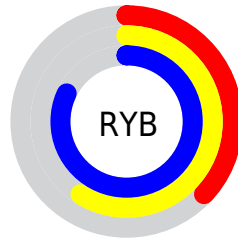
The Hex color **5FCED2** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D2635F**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **9BFFFF**, and **12979C** is the 20% darker color. If you saturate the color by 10%, you get **4ACDD2**, and if you desaturate by 10%, it is **74CFD2**.

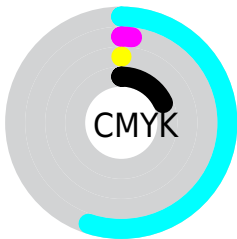
Distribution



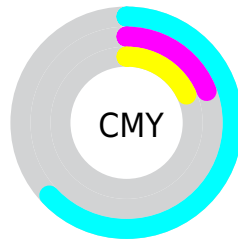
- Red (37%)
- Green (81%)
- Blue (82%)



- Red (37%)
- Yellow (59%)
- Blue (82%)



- Cyan (55%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (63%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FCED2 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 5FCED2 by changing the saturation by 10% instead.

 5FCED2

 5FCED2

FFFFFF

 3FB2B6

 9BFFFF

 12979C

 B8FFFF

 007D82

 D6FFFF

 006468

 F4FFFF

 004B50

 003439

 002124

 00010E

 000000

 5FCED2

 5FCED2

 4ACDD2

 74CFD2

 35CDD2

 89CFD2

 20CCD2

 9ED0D2

 0BCBD2

 B3D1D2

 00CBD2

 C8D2D2

 DDD2D2

 F2D3D2

 FFD4D2

 FFD5D2

Harmonies

Analogous

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



78CEB3



5FCED2



64CBEB

Triad

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



5FCED2



DBAFE4



DBB982

Complementary

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



5FCED2



D2635F

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.



F1AF90



5FCED2



F3A8C8

Square

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



5FCED2



B5B9F6



FAA8AA



BDC285

Rectangle

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



5FCED2



7BC6F6



FAA8AA



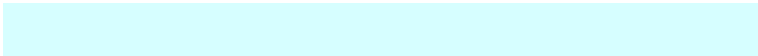
E4B585

Sweetspot

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



5FCED2



D6FEFF



5FD263



677F80



000000



808080

Same Dimension

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



5FCED2



57F9FF



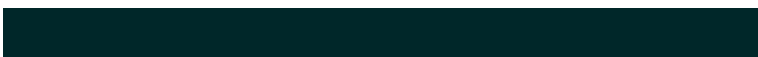
5F95D2



5E6869



00A2A8



002729

Inverse Universe

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



D25FCE



FF57F9



D29C5F



695E68



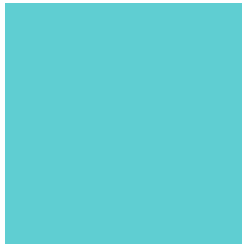
A800A2



290027

Previews

White Background



This preview shows how the Hex color 5FCED2 looks on a white background.

Color Contrast Check

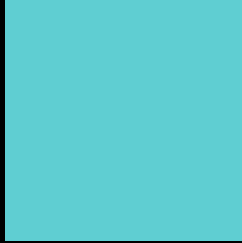
Large Text (above 18pt) WCAG AA × Fail

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 5FCED2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

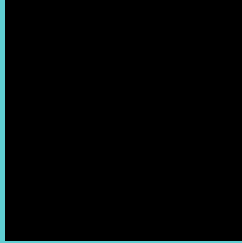
Any Text WCAG AA ✓ Pass

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 5FCED2 Background



This preview shows how black text looks on a background with the Hex color 5FCED2.

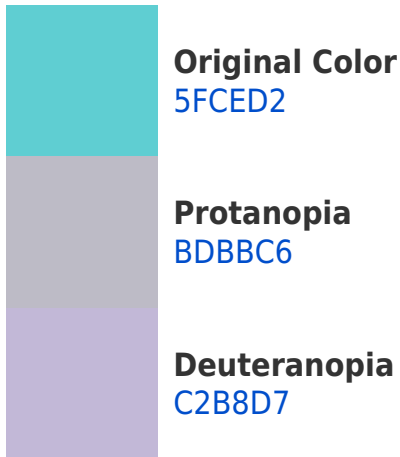


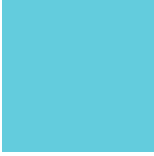
This preview shows how white text looks on a background with the Hex color 5FCED2.

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](#).

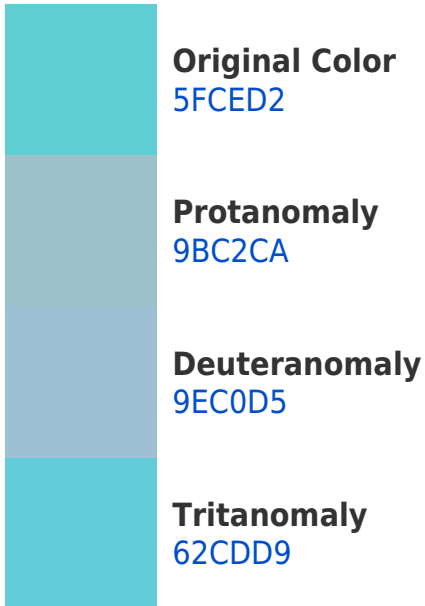
Dichromacy



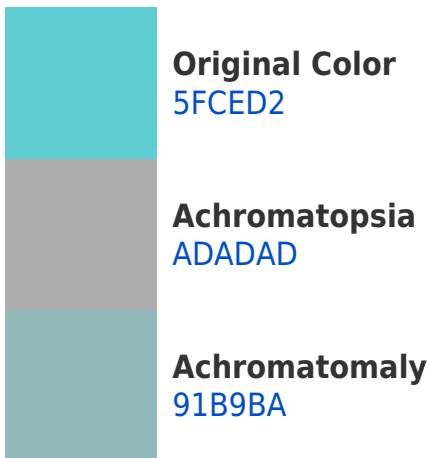


Tritanopia
63CCDD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FCED2 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 #5FCED2 looks like.

```
.text, #text, p{  
    color:#5FCED2  
}
```

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 #5FCED2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FCED2
}
```

Border

The CSS property to change the border of an element to Hex 5FCED2 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
#5FCED2 }
```

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

```
.border{ border-color:#5FCED2 }
```

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

Here you see how a box with a 4 pixel #5FCED2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FCED2; -webkit-box-shadow:4px 4px  
4px 4px #5FCED2; box-shadow:4px 4px 4px  
4px #5FCED2 }
```

Background

The CSS property to change the background color of an element to Hex 5FCED2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FCED2 }
```

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

```
.background{ background-color:#5FCED2 }
```

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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