

Converting Colors

Hex(5FD6D8)

Have a look what the booklet for
Hex(5FD6D8) contains.

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Color

Hex(5FD6D8)

Conversions

Conversions Part 1

Format	Color
Hex	5FD6D8
RGB	95, 214, 216
RGB Percent	37%, 84%, 85%
CMY	0.6275, 0.1608, 0.1529
CMYK	0.56, 0.01, 0.00, 0.15
HSL	181°, 61%, 61%
HSV	181°, 56%, 85%
XYZ	41.1606, 55.4839, 73.5058
YIQ	178.6470, -71.5660, -24.6060

Conversions

Conversions Part 2

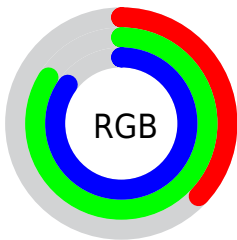
Format	Color
RYB	95, 155, 216
Decimal	6280920
CIELab	79.32, -32.57, -11.11
CIELCh	79, 34.416, 198.825
Yxy	55.4839, 0.2419, 0.3261
Android (android.graphics.Color)	4284471000 (0xFF5FD6D8)
YUV	178.6470, 18.4150, -73.3584
Hunter-Lab	74.4875, -31.7170, -6.3673

Details

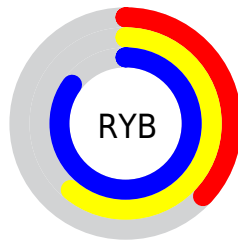
The Hex color **5FD6D8** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D8615F**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **9CFFFF**, and **0A9FA1** is the 20% darker color. If you saturate the color by 10%, you get **49D6D8**, and if you desaturate by 10%, it is **75D6D8**.

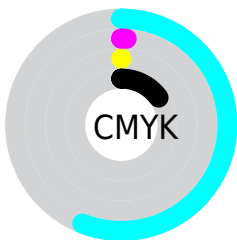
Distribution



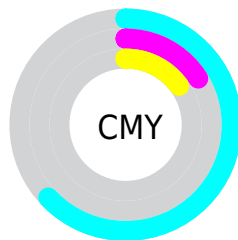
- Red (37%)
- Green (84%)
- Blue (85%)



- Red (37%)
- Yellow (61%)
- Blue (85%)



- Cyan (56%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)



- Cyan (63%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FD6D8 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 5FD6D8 by changing the saturation by 10% instead.

 5FD6D8

 5FD6D8

FFFFFF

 3EBABC

 9CFFFF

 0A9FA1

 BAFFFF

 008487

 D8FFFF


 006B6E

 F6FFFF

 005255

 003A3E

 002528

 000115

 000000

 5FD6D8

 5FD6D8

 49D6D8

 75D6D8

 34D5D8

 8AD7D8

 1ED5D8

 A0D7D8

 09D5D8

 B5D7D8

 00D4D8

 CBD8D8

 E1D8D8

 F6D8D8

 FFD9D8

Harmonies

Analogous

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



7CD5B7



5FD6D8



62D3F4

Triad

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



5FD6D8



E1B5EF



E6BE86

Complementary

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



5FD6D8



D8615F

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.



FCB496



5FD6D8



FCAED2

Square

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



5FD6D8



B8C1FF



FFADB1



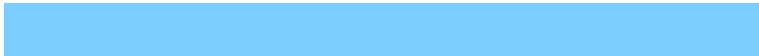
C6C987

Rectangle

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



5FD6D8



79CEFF



FFADB1



EEBB89

Sweetspot

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



5FD6D8



D4FEFF



5FD85F



667F80



000000



808080

Same Dimension

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



5FD6D8



54FCFF



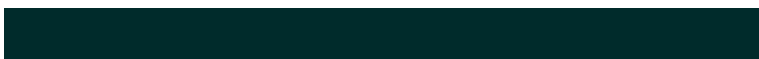
5F9CD8



606B6B



00A8AB



002B2B

Inverse Universe

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



D85FD6



FF54FC



D89C5F



6B606B



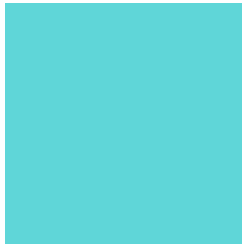
AB00A8



2B002B

Previews

White Background



This preview shows how the Hex color 5FD6D8 looks on a white background.

Color Contrast Check

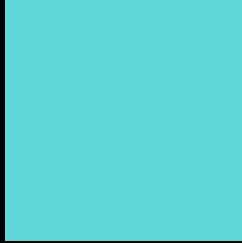
Large Text (above 18pt) WCAG AA × Fail

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 5FD6D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

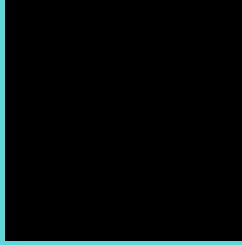
Any Text WCAG AA ✓ Pass

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 5FD6D8 Background



This preview shows how black text looks on a background with the Hex color 5FD6D8.

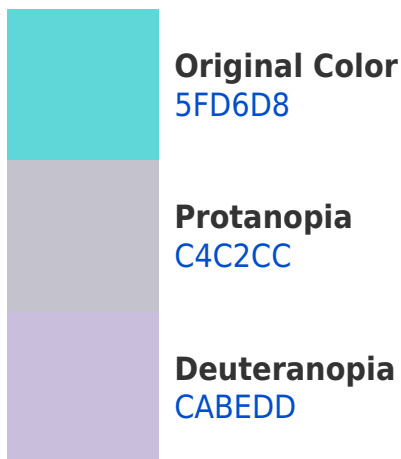


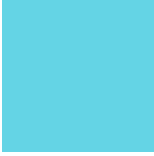
This preview shows how white text looks on a background with the Hex color 5FD6D8.

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
64D4E5

Trichromacy



Original Color
5FD6D8



Protanomaly
9FC9D0



Deuteranomaly
A3C7DB

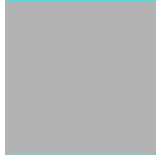


Tritanomaly
62D5E0

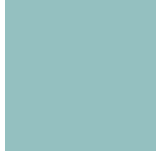
Monochromacy



Original Color
5FD6D8



Achromatopsia
B3B3B3



Achromatomaly
94C0C0

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FD6D8 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 #5FD6D8 looks like.

```
.text, #text, p{  
    color:#5FD6D8  
}
```

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 #5FD6D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FD6D8  
}
```

Border

The CSS property to change the border of an element to Hex 5FD6D8 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  
#5FD6D8 }
```

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

```
.border{ border-color:#5FD6D8 }
```

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

Here you see how a box with a 4 pixel #5FD6D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FD6D8; -webkit-box-shadow:4px 4px  
4px 4px #5FD6D8; box-shadow:4px 4px 4px  
4px #5FD6D8 }
```

Background

The CSS property to change the background color of an element to Hex 5FD6D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FD6D8 }
```

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

```
.background{ background-color:#5FD6D8 }
```

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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