

Converting Colors

Hex(5FD8DA)

Have a look what the booklet for
Hex(5FD8DA) contains.

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Color

Hex(5FD8DA)

Conversions

Conversions Part 1

Format	Color
Hex	5FD8DA
RGB	95, 216, 218
RGB Percent	37%, 85%, 85%
CMY	0.6275, 0.1529, 0.1451
CMYK	0.56, 0.01, 0.00, 0.15
HSL	181°, 62%, 61%
HSV	181°, 56%, 85%
XYZ	41.9301, 56.6066, 75.0459
YIQ	180.0490, -72.7580, -25.0300

Conversions

Conversions Part 2

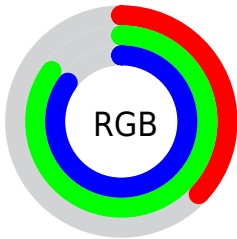
Format	Color
RYB	95, 156, 218
Decimal	6281434
CIELab	79.96, -32.98, -11.22
CIELCh	80, 34.841, 198.788
Yxy	56.6066, 0.2416, 0.3261
Android (android.graphics.Color)	4284471514 (0xFF5FD8DA)
YUV	180.0490, 18.7098, -74.5880
Hunter-Lab	75.2373, -32.1866, -6.4730

Details

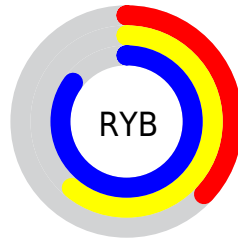
The Hex color **5FD8DA** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **DA615F**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **9CFFFF**, and **07A1A3** is the 20% darker color. If you saturate the color by 10%, you get **49D8DA**, and if you desaturate by 10%, it is **75D8DA**.

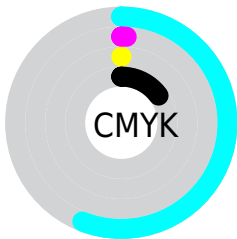
Distribution



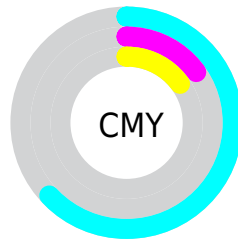
- Red (37%)
- Green (85%)
- Blue (85%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 5FD8DA 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 5FD8DA by changing the saturation by 10% instead.

 5FD8DA

 5FD8DA

FFFFFF

 3DBCBE

 9CFFFF

 07A1A3

 BAFFFF

 008689

 D8FFFF

 006C70

 F6FFFF

 005457

 003C40

 00262A

 000116

 000000

 5FD8DA

 5FD8DA

 49D8DA

 75D8DA

 33D7DA

 8BD9DA

 1ED7DA

 A0D9DA

 08D7DA

 B6D9DA

 00D6DA

 CCDADA

 E2DADA

 F8DADA

 FFDBDA

Harmonies

Analogous

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



7DD7B9



5FD8DA



62D5F6

Triad

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



5FD8DA



E4B7F1



E8C087

Complementary

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



5FD8DA



DA615F

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.



FFB597



5FD8DA



FFAFD4

Square

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



5FD8DA



BAC2FF



FFAFB3



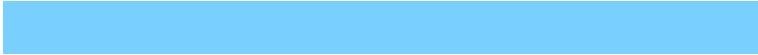
C8CB88

Rectangle

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



5FD8DA



79D0FF



FFAFB3



F1BC8A

Sweetspot

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



5FD8DA



D4FEFF



5FDA5F



667F80



000000



808080

Same Dimension

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



5FD8DA



52FCFF



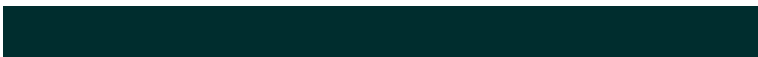
5F9DDA



636D6E



00ABAD



002D2E

Inverse Universe

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



DA5FD8



FF52FC



DA9D5F



6E636D



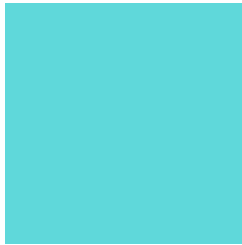
AD00AB



2E002D

Previews

White Background



This preview shows how the Hex color 5FD8DA looks on a white background.

Color Contrast Check

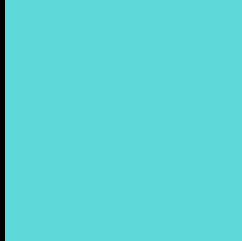
Large Text (above 18pt) WCAG AA × Fail

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 5FD8DA 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 5FD8DA Background



This preview shows how black text looks on a background with the Hex color 5FD8DA.

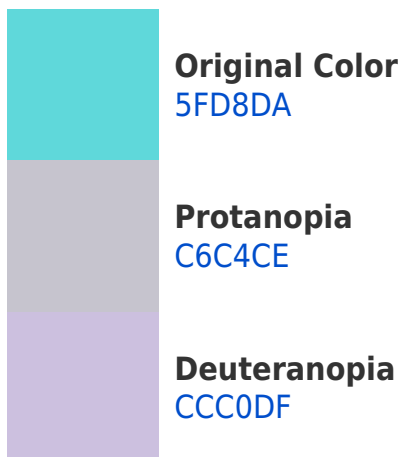


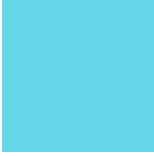
This preview shows how white text looks on a background with the Hex color 5FD8DA.

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
64D6E7

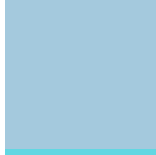
Trichromacy



Original Color
5FD8DA



Protanomaly
A1CBD2



Deuteranomaly
A4C9DD

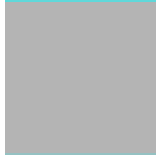


Tritanomaly
62D7E2

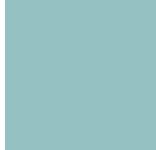
Monochromacy



Original Color
5FD8DA



Achromatopsia
B4B4B4



Achromatomaly
95C1C2

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FD8DA 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 #5FD8DA looks like.

```
.text, #text, p{  
    color:#5FD8DA  
}
```

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 #5FD8DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FD8DA
}
```

Border

The CSS property to change the border of an element to Hex 5FD8DA 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
#5FD8DA }
```

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

```
.border{ border-color:#5FD8DA }
```

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

Here you see how a box with a 4 pixel #5FD8DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FD8DA; -webkit-box-shadow:4px 4px  
4px 4px #5FD8DA; box-shadow:4px 4px 4px  
4px #5FD8DA }
```

Background

The CSS property to change the background color of an element to Hex 5FD8DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FD8DA }
```

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

```
.background{ background-color:#5FD8DA }
```

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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