

Converting Colors

Hex(5FD6C8)

Have a look what the booklet for
Hex(5FD6C8) contains.

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Color

Hex(5FD6C8)

Conversions

Conversions Part 1

Format	Color
Hex	5FD6C8
RGB	95, 214, 200
RGB Percent	37%, 84%, 78%
CMY	0.6275, 0.1608, 0.2157
CMYK	0.56, 0.00, 0.07, 0.16
HSL	173°, 59%, 61%
HSV	173°, 56%, 84%
XYZ	39.1912, 54.6962, 63.1354
YIQ	176.8230, -66.4300, -29.5820

Conversions

Conversions Part 2

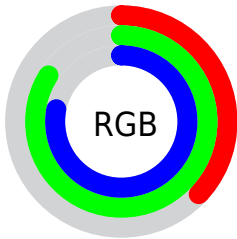
Format	Color
RYB	95, 158, 214
Decimal	6280904
CIELab	78.87, -36.75, -3.21
CIELCh	79, 36.893, 184.998
Yxy	54.6962, 0.2496, 0.3483
Android (android.graphics.Color)	4284470984 (0xFF5FD6C8)
YUV	176.8230, 11.4263, -71.7588
Hunter-Lab	73.9569, -34.8338, 1.1552

Details

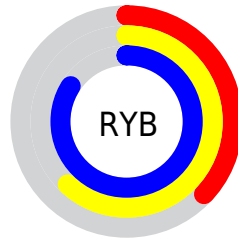
The Hex color **5FD6C8** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D65F6D**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **9BFFFF**, and **119F92** is the 20% darker color. If you saturate the color by 10%, you get **4AD6C5**, and if you desaturate by 10%, it is **74D6CB**.

Distribution



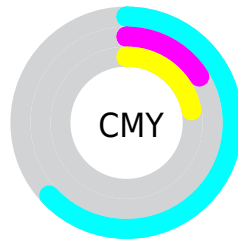
- Red (37%)
- Green (84%)
- Blue (78%)



- Red (37%)
- Yellow (62%)
- Blue (84%)



- Cyan (56%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)



- Cyan (63%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FD6C8 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 5FD6C8 by changing the saturation by 10% instead.

 5FD6C8

 5FD6C8

FFFFFF

 3FBAAD

 9BFFFF

 119F92

 B8FFFF

 008478

 D6FFFF

 006A60

 F4FFFF

 005148

 003932

 00251D

 000003

 000000

 5FD6C8

 5FD6C8

 4AD6C5

 74D6CB

 34D6C3

 8AD6CD

 1FD6C0

 9FD6D0

 09D6BE

 B5D6D2

 00D6BD

 CAD6D5

 DFD6D7

 F5D6DA

 FFD6DC

 FFD6DF

Harmonies

Analogous

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



87D3A5



5FD6C8



4BD4E9

Triad

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



5FD6C8



CFB8FB



F3B786

Complementary

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



5FD6C8



D65F6D

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.



FFAD9E



5FD6C8



F4AEE1

Square

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



5FD6C8



9DC5FF



FFA9BF



D5C37E

Rectangle

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



5FD6C8



5AD1FA



FFA9BF



FAB38C

Sweetspot

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



5FD6C8



D4FFFA



6FD65F



66807D



000000



808080

Same Dimension

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



5FD6C8



54FFEB



5FAAD6



606B6A



00AB97



002B26

Inverse Universe

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



D65F6D



FF5468



D68B5F



6B6062



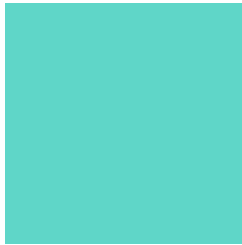
AB0014



2B0005

Previews

White Background



This preview shows how the Hex color 5FD6C8 looks on a white background.

Color Contrast Check

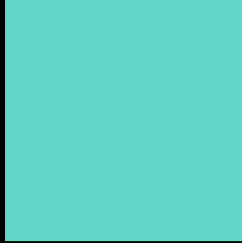
Large Text (above 18pt) WCAG AA × Fail

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 5FD6C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

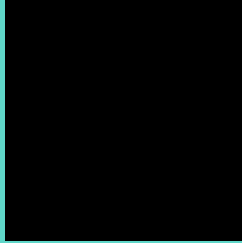
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

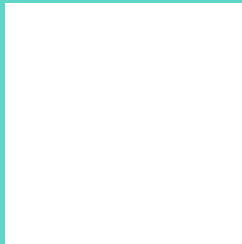
Any Text WCAG AAA ✓ Pass

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

Hex 5FD6C8 Background



This preview shows how black text looks on a background with the Hex color 5FD6C8.



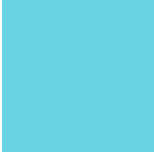
This preview shows how white text looks on a background with the Hex color 5FD6C8.

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



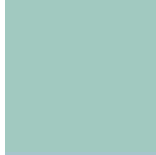


Tritanopia
69D2E3

Trichromacy



Original Color
5FD6C8



Protanomaly
A1C9C0



Deuteranomaly
A6C5CC

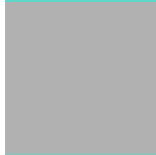


Tritanomaly
65D3D9

Monochromacy



Original Color
5FD6C8



Achromatopsia
B1B1B1



Achromatomaly
93BEB9

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FD6C8 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 #5FD6C8 looks like.

```
.text, #text, p{  
    color:#5FD6C8  
}
```

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 #5FD6C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FD6C8
}
```

Border

The CSS property to change the border of an element to Hex 5FD6C8 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
#5FD6C8 }
```

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

```
.border{ border-color:#5FD6C8 }
```

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

Here you see how a box with a 4 pixel #5FD6C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FD6C8; -webkit-box-shadow:4px 4px  
4px 4px #5FD6C8; box-shadow:4px 4px 4px  
4px #5FD6C8 }
```

Background

The CSS property to change the background color of an element to Hex 5FD6C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FD6C8 }
```

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

```
.background{ background-color:#5FD6C8 }
```

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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