

Converting Colors

Hex(5DF8CB)

Have a look what the booklet for
Hex(5DF8CB) contains.

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Color

Hex(5DF8CB)

Conversions

Conversions Part 1

Format	Color
Hex	5DF8CB
RGB	93, 248, 203
RGB Percent	36%, 97%, 80%
CMY	0.6353, 0.0275, 0.2039
CMYK	0.62, 0.00, 0.18, 0.03
HSL	163°, 92%, 67%
HSV	163°, 63%, 97%
XYZ	48.8611, 73.7738, 68.1644
YIQ	196.5250, -77.9350, -46.8550

Conversions

Conversions Part 2

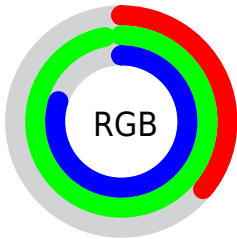
Format	Color
R_{YB}	93, 184, 248
Decimal	6158539
CIE Lab	88.82, -51.25, 9.62
CIE LCh	89, 52.147, 169.364
Yxy	73.7738, 0.2561, 0.3867
Android (android.graphics.Color)	4284348619 (0xFF5DF8CB)
YUV	196.5250, 3.1922, -90.7914
Hunter-Lab	85.8917, -48.7673, 13.0711

Details

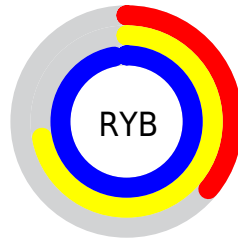
The Hex color **5DF8CB** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **F85D8A**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **9DFFFF**, and **00BF95** is the 20% darker color. If you saturate the color by 10%, you get **44F8C4**, and if you desaturate by 10%, it is **76F8D2**.

Distribution



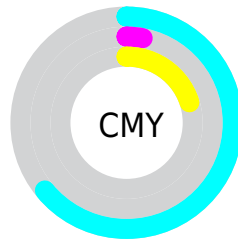
- Red (36%)
- Green (97%)
- Blue (80%)



- Red (36%)
- Yellow (72%)
- Blue (97%)



- Cyan (62%)
- Magenta (0%)
- Yellow (18%)
- Black (3%)



- Cyan (64%)
- Magenta (3%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DF8CB 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 5DF8CB by changing the saturation by 10% instead.

 5DF8CB

 5DF8CB

FFFFFF

 37DBB0

 9DFFFF

 00BF95

 BCFFFF

 00A37B

 DBFFFF

 008862

 F9FFFF

 006E4A

 005434

 003B1E

 002507

 000000

 5DF8CB

 5DF8CB

 44F8C4

 76F8D2

 2BF8BD

 8FF8D9

 13F8B5

 A7F8E1

 00F8B0

 C0F8E8

 D9F8EF

 F2F8F6

 FFF8FD

 FFF8FF

Harmonies

Analogous

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



A5F29C



5DF8CB



00F9FE

Triad

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



5DF8CB



C9D9FF



FFC595

Complementary

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



5DF8CB



F85D8A

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.



FFB8C1



5DF8CB



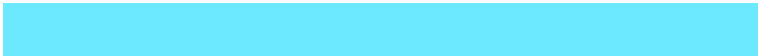
FFC6FF

Square

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



5DF8CB



6CE9FF



FFB9F3



FFD67C

Rectangle

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



5DF8CB



00F6FF



FFB9F3



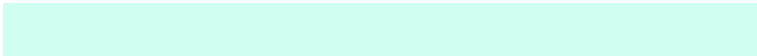
FFBFA2

Sweetspot

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



5DF8CB



CFFF1



8BF85D



628077



000000



808080

Same Dimension

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



5DF8CB



40FFC7



5DD9F8



707D79



00BD86



003D2B

Inverse Universe

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



F85D8A



FF4077



F87C5D



7D7074



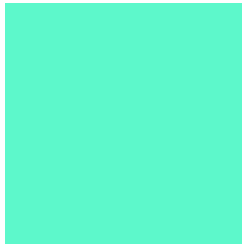
BD0037



3D0012

Previews

White Background



This preview shows how the Hex color 5DF8CB looks on a white background.

Color Contrast Check

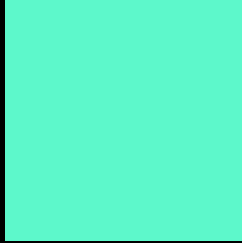
Large Text (above 18pt) WCAG AA × Fail

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 5DF8CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

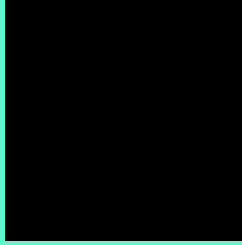
Any Text WCAG AA ✓ Pass

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 5DF8CB Background



This preview shows how black text looks on a background with the Hex color 5DF8CB.

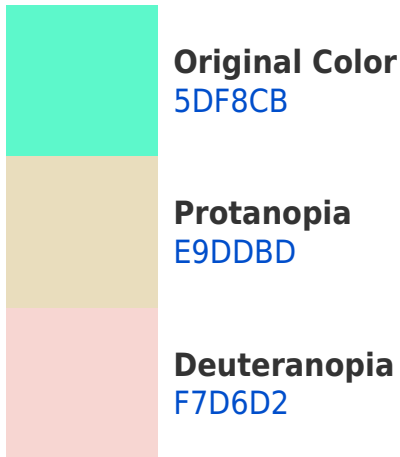


This preview shows how white text looks on a background with the Hex color 5DF8CB.

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



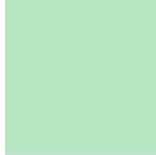


Tritanopia
87EEFF

Trichromacy



Original Color
5DF8CB



Protanomaly
B6E7C2



Deuteranomaly
BFE2CF

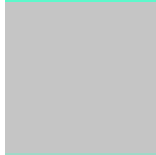


Tritanomaly
78F2EC

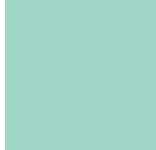
Monochromacy



Original Color
5DF8CB



Achromatopsia
C5C5C5



Achromatomaly
9FD8C7

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DF8CB 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 #5DF8CB looks like.

```
.text, #text, p{  
    color:#5DF8CB  
}
```

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 #5DF8CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DF8CB
}
```

Border

The CSS property to change the border of an element to Hex 5DF8CB 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
#5DF8CB }
```

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

```
.border{ border-color:#5DF8CB }
```

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

Here you see how a box with a 4 pixel #5DF8CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DF8CB; -webkit-box-shadow:4px 4px  
4px 4px #5DF8CB; box-shadow:4px 4px 4px  
4px #5DF8CB }
```

Background

The CSS property to change the background color of an element to Hex 5DF8CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DF8CB }
```

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

```
.background{ background-color:#5DF8CB }
```

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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