

# Converting Colors

Hex(6FD8B8)

Have a look what the booklet for  
Hex(6FD8B8) contains.

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**Color**

**Hex(6FD8B8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FD8B8
RGB	111, 216, 184
RGB Percent	44%, 85%, 72%
CMY	0.5647, 0.1529, 0.2784
CMYK	0.49, 0.00, 0.15, 0.15
HSL	162°, 57%, 64%
HSV	162°, 49%, 85%
XYZ	39.7631, 55.9519, 54.0515
YIQ	180.9570, -52.3080, -32.2120

# Conversions

## Conversions Part 2

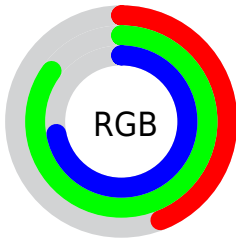
<b>Format</b>	<b>Color</b>
<b>RYB</b>	111, 173, 216
Decimal	7329976
CIELab	79.59, -38.06, 6.44
CIELCh	80, 38.599, 170.389
Yxy	55.9519, 0.2655, 0.3736
Android (android.graphics.Color)	4285520056 (0xFF6FD8B8)
YUV	180.9570, 1.5002, -61.3523
Hunter-Lab	74.8010, -36.0138, 9.5176




# Details

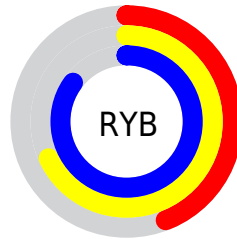
The Hex color **6FD8B8** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D86F8F**, and the grayscale version is **B5B5B5**.




A 20% lighter version of the original color is **A8FFF0**, and **33A183** is the 20% darker color. If you saturate the color by 10%, you get **59D8B1**, and if you desaturate by 10%, it is **85D8BF**.

# Distribution







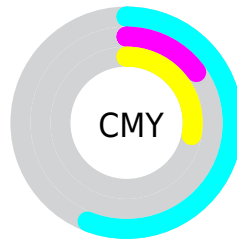
-  Red (44%)
-  Green (85%)
-  Blue (72%)






-  Red (44%)
-  Yellow (68%)
-  Blue (85%)



-  Cyan (49%)
-  Magenta (0%)
-  Yellow (15%)
-  Black (15%)



-  Cyan (56%)
-  Magenta (15%)
-  Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FD8B8 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 6FD8B8 by changing the saturation by 10% instead.



 6FD8B8

 6FD8B8

FFFFFF

 52BC9D

 A8FFF0

 33A183

 C5FFFF

 02866A

 E3FFFF

 006C52

 00533B

 003B25

 002610

 000000

 6FD8B8

 6FD8B8

 59D8B1

 85D8BF

 44D8AB

 9AD8C5

 2ED8A4

 B0D8CC

 19D89E

 C5D8D2

 03D897

 DBD8D9

 00D896

 F1D8DF

 FFD8E6

 FFD8ED

 FFD8F3

# Harmonies

## Analogous

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



9BD396



6FD8B8



47D9DD

# Triad

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



6FD8B8



B9C0FF



FFB38F

# Complementary

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



6FD8B8



D86F8F

# 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.



FFABAE



6FD8B8



E7B3F3

# Square

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



6FD8B8



80CCFF



FFABD2



E8BF7E

# Rectangle

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



6FD8B8



43D6F3



FFABD2



FFAF98

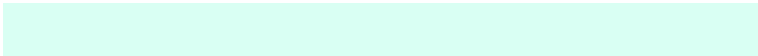


# Sweetspot

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



6FD8B8



D9FFF3



90D86F



698079



000000



808080



# Same Dimension

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



6FD8B8



6BFFD2



6FC5D8



606B68



00AB77



002B1E



# Inverse Universe

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



D86F8F



FF6B98



D8826F



6B6064



AB0034

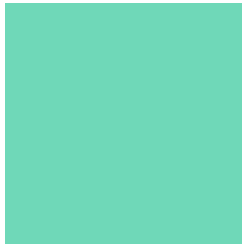


2B000D



# Previews

## White Background



This preview shows how the Hex color 6FD8B8 looks on a white background.

## Color Contrast Check

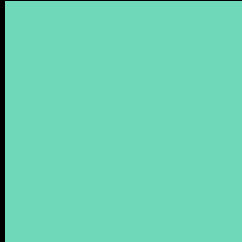
Large Text (above 18pt) WCAG AA × Fail

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 6FD8B8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

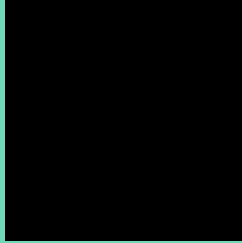
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

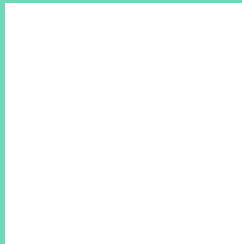
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6FD8B8 Background



This preview shows how black text looks on a background with the Hex color 6FD8B8.

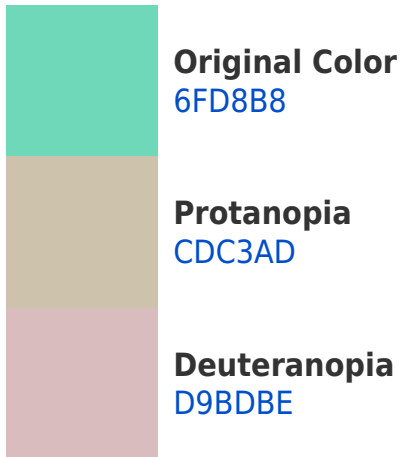


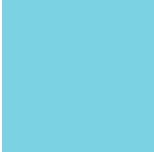
This preview shows how white text looks on a background with the Hex color 6FD8B8.

# 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**  
7BD2E3

# Trichromacy



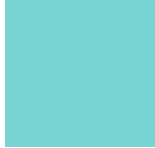
**Original Color**  
6FD8B8



**Protanomaly**  
ABCBB1



**Deuteranomaly**  
B2C7BC

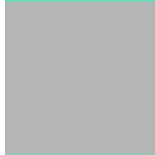


**Tritanomaly**  
77D4D3

# Monochromacy



**Original Color**  
6FD8B8



**Achromatopsia**  
B5B5B5



**Achromatomaly**  
9CC2B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FD8B8 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 #6FD8B8 looks like.

```
.text, #text, p{  
    color:#6FD8B8  
}
```

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 #6FD8B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FD8B8
}
```

## Border

The CSS property to change the border of an element to Hex 6FD8B8 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
#6FD8B8 }
```

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

```
.border{ border-color:#6FD8B8 }
```

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

Here you see how a box with a 4 pixel #6FD8B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FD8B8; -webkit-box-shadow:4px 4px  
4px 4px #6FD8B8; box-shadow:4px 4px 4px  
4px #6FD8B8 }
```

# Background

The CSS property to change the background color of an element to Hex 6FD8B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FD8B8 }
```

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

```
.background{ background-color:#6FD8B8 }
```

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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