

Converting Colors

Hex(6FD8B6)

Have a look what the booklet for
Hex(6FD8B6) contains.

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Color

Hex(6FD8B6)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 6FD8B6 |
| RGB | 111, 216, 182 |
| RGB Percent | 44%, 85%, 71% |
| CMY | 0.5647, 0.1529, 0.2863 |
| CMYK | 0.49, 0.00, 0.16, 0.15 |
| HSL | 161°, 57%, 64% |
| HSV | 161°, 49%, 85% |
| XYZ | 39.5549, 55.8686, 52.9549 |
| YIQ | 180.7290, -51.6660, -32.8340 |

Conversions

Conversions Part 2

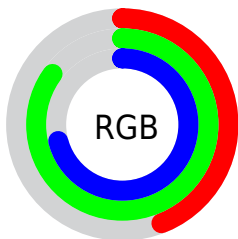
| Format | Color |
|-------------------------------------|--|
| RYB | 111, 174, 216 |
| Decimal | 7329974 |
| CIELab | 79.54, -38.51, 7.44 |
| CIELCh | 80, 39.219, 169.064 |
| Yxy | 55.8686, 0.2666, 0.3765 |
| Android (android.graphics.Color) | 4285520054 (0xFF6FD8B6) |
| YUV | 180.7290, 0.6266, -61.1523 |
| Hunter-Lab | 74.7453, -36.3429, 10.3165 |

Details

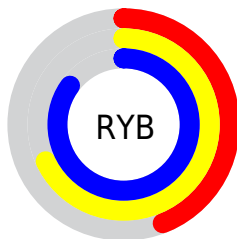
The Hex color **6FD8B6** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D86F91**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **A8FFEE**, and **33A181** is the 20% darker color. If you saturate the color by 10%, you get **59D8AF**, and if you desaturate by 10%, it is **85D8BD**.

Distribution



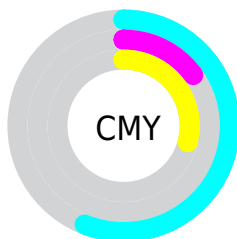
- Red (44%)
- Green (85%)
- Blue (71%)



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



- Cyan (49%)
- Magenta (0%)
- Yellow (16%)
- Black (15%)



- Cyan (56%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FD8B6 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 6FD8B6 by changing the saturation by 10% instead.



6FD8B6



6FD8B6

FFFFFF



52BC9B



A8FFEE



33A181



C5FFFF



038668



E3FFFF



006C50



005339



003B23



00260E



000000



6FD8B6



6FD8B6

 59D8AF

 85D8BD

 44D8A8

 9AD8C4

 2ED8A1

 B0D8CB

 19D89A

 C5D8D2

 03D893

 DBD8D9

 00D892

 F1D8E0

 FFD8E7

 FFD8EE

 FFD8F5

Harmonies

Analogous

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



9CD394



6FD8B6



44D9DC

Triad

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



6FD8B6



B6C1FF



FFB28F

Complementary

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



6FD8B6



D86F91

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.



FFAAAF



6FD8B6



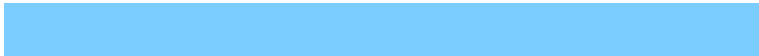
E6B3F5

Square

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



6FD8B6



7CCDFE



FFAAD4



EABE7D

Rectangle

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



6FD8B6



3DD7F2



FFAAD4



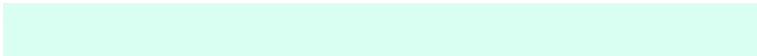
FFAF99

Sweetspot

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



6FD8B6



D9FFF3



92D86F



698078



000000



808080

Same Dimension

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



6FD8B6



6BFFCF



6FC6D8



606B68



00AB74



002B1D

Inverse Universe

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



D86F91



FF6B9B



D8816F



6B6064



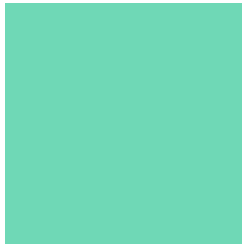
AB0037



2B000E

Previews

White Background



This preview shows how the Hex color 6FD8B6 looks on a white background.

Color Contrast Check

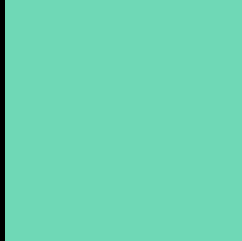
Large Text (above 18pt) WCAG AA × Fail

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 6FD8B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

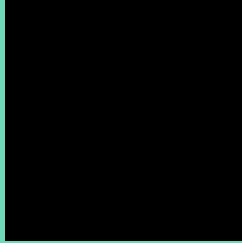
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

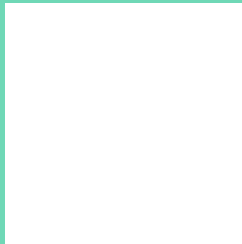
Any Text WCAG AAA ✓ Pass

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

Hex 6FD8B6 Background



This preview shows how black text looks on a background with the Hex color 6FD8B6.

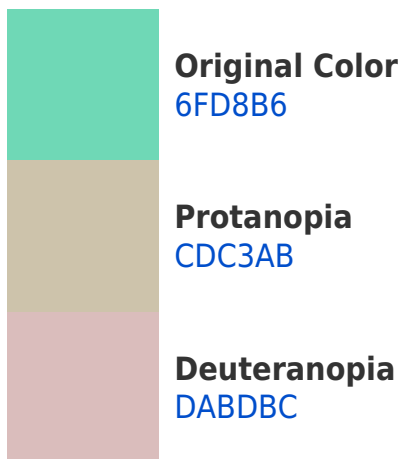


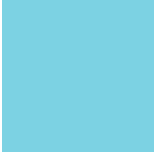
This preview shows how white text looks on a background with the Hex color 6FD8B6.

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
7CD2E3

Trichromacy



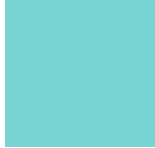
Original Color
6FD8B6



Protanomaly
ABCBAF



Deuteranomaly
B3C7BA

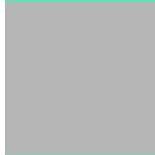


Tritanomaly
77D4D3

Monochromacy



Original Color
6FD8B6



Achromatopsia
B5B5B5



Achromatomaly
9CC2B5

CSS Examples

Text

The CSS property to change the color of the text to Hex 6FD8B6 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 #6FD8B6 looks like.

```
.text, #text, p{  
    color:#6FD8B6  
}
```

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 #6FD8B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FD8B6
}
```

Border

The CSS property to change the border of an element to Hex 6FD8B6 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
#6FD8B6 }
```

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

```
.border{ border-color:#6FD8B6 }
```

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

Here you see how a box with a 4 pixel #6FD8B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FD8B6; -webkit-box-shadow:4px 4px  
4px 4px #6FD8B6; box-shadow:4px 4px 4px  
4px #6FD8B6 }
```

Background

The CSS property to change the background color of an element to Hex 6FD8B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FD8B6 }
```

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

```
.background{ background-color:#6FD8B6 }
```

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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