

# Converting Colors

Hex(6FD4BA)

Have a look what the booklet for  
Hex(6FD4BA) contains.

<b>Hex(6FD4BA)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(6FD4BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FD4BA
RGB	111, 212, 186
RGB Percent	44%, 83%, 73%
CMY	0.5647, 0.1686, 0.2706
CMYK	0.48, 0.00, 0.12, 0.17
HSL	165°, 54%, 63%
HSV	165°, 48%, 83%
XYZ	38.9620, 54.0116, 54.8262
YIQ	178.8370, -51.8500, -29.4980

# Conversions

## Conversions Part 2

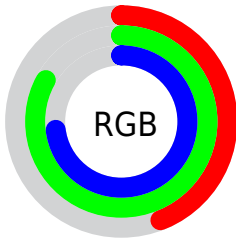
<b>Format</b>	<b>Color</b>
<b>RYB</b>	111, 169, 212
Decimal	7328954
CIELab	78.47, -35.77, 3.76
CIELCh	78, 35.965, 173.993
Yxy	54.0116, 0.2636, 0.3654
Android (android.graphics.Color)	4285519034 (0xFF6FD4BA)
YUV	178.8370, 3.5314, -59.4930
Hunter-Lab	73.4926, -33.9807, 7.2140

# Details

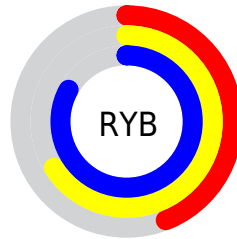
The Hex color **6FD4BA** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D46F89**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **A8FFF2**, and **339D85** is the 20% darker color. If you saturate the color by 10%, you get **5AD4B5**, and if you desaturate by 10%, it is **84D4BF**.

# Distribution



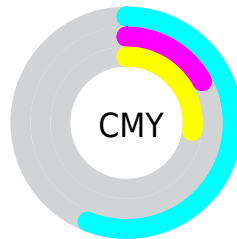
- Red (44%)
- Green (83%)
- Blue (73%)



- Red (44%)
- Yellow (66%)
- Blue (83%)



- Cyan (48%)
- Magenta (0%)
- Yellow (12%)
- Black (17%)



- Cyan (56%)
- Magenta (17%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FD4BA 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 6FD4BA by changing the saturation by 10% instead.



 6FD4BA

 6FD4BA

FFFFFF

 52B89F

 A8FFF2

 339D85

 C5FFFF

 06826C

 E2FFFF

 006954

 00503C

 003827

 002412

 000000

 6FD4BA

 6FD4BA

 5AD4B5

 84D4BF

 45D4AF

 99D4C5

 2FD4AA

 AFD4CA

 1AD4A4

 C4D4D0

 05D49F

 D9D4D5

 00D49D

 EED4DB

 FFD4E0

 FFD4E6

 FFD4EB

# Harmonies

## Analogous

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



97D09A



6FD4BA



51D4DC

# Triad

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



6FD4BA



BDBCFF



F9B28D

# Complementary

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



6FD4BA



D46F89

# 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.



FFAAA9



6FD4BA



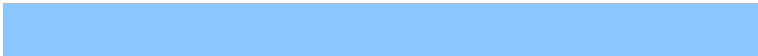
E6B0EA

# Square

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



6FD4BA



8AC7FF



FFA9CA



DFBE80

# Rectangle

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



6FD4BA



53D2EF



FFA9CA



FEAF95

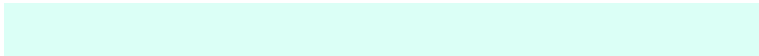


# Sweetspot

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



6FD4BA



DBFFF6



8AD46F



6A807A



000000



808080



# Same Dimension

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



6FD4BA



6EFFDA



6FBCD4



606B68



00AB7F



002B20



# Inverse Universe

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



D46F89



FF6E93



D4876F



6B6063



AB002C

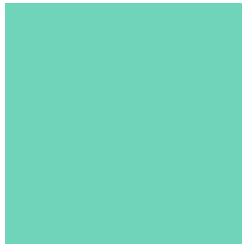


2B000B



# Previews

## White Background



This preview shows how the Hex color 6FD4BA 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 6FD4BA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

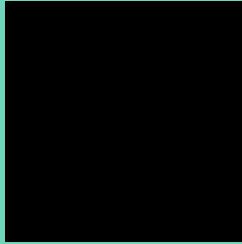
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6FD4BA Background



This preview shows how black text looks on a background with the Hex color 6FD4BA.

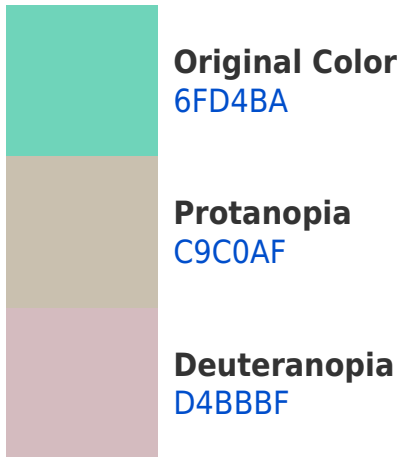


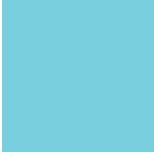
This preview shows how white text looks on a background with the Hex color 6FD4BA.

# 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**  
7ACFDF

# Trichromacy



**Original Color**  
6FD4BA



**Protanomaly**  
A8C7B3



**Deuteranomaly**  
AFC4BD

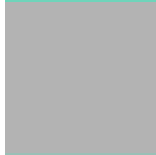


**Tritanomaly**  
76D1D2

# Monochromacy



**Original Color**  
6FD4BA



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
9ABFB6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FD4BA 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 #6FD4BA looks like.

```
.text, #text, p{  
    color:#6FD4BA  
}
```

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 #6FD4BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FD4BA
}
```

## Border

The CSS property to change the border of an element to Hex 6FD4BA 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
#6FD4BA }
```

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

```
.border{ border-color:#6FD4BA }
```

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

Here you see how a box with a 4 pixel #6FD4BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FD4BA; -webkit-box-shadow:4px 4px  
4px 4px #6FD4BA; box-shadow:4px 4px 4px  
4px #6FD4BA }
```

# Background

The CSS property to change the background color of an element to Hex 6FD4BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FD4BA }
```

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

```
.background{ background-color:#6FD4BA }
```

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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