

# Converting Colors

Hex(6FD4A4)

Have a look what the booklet for  
Hex(6FD4A4) contains.

<b>Hex(6FD4A4)</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(6FD4A4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FD4A4
RGB	111, 212, 164
RGB Percent	44%, 83%, 64%
CMY	0.5647, 0.1686, 0.3569
CMYK	0.48, 0.00, 0.23, 0.17
HSL	151°, 54%, 63%
HSV	151°, 48%, 83%
XYZ	36.7999, 53.1468, 43.4408
YIQ	176.3290, -44.7880, -36.3400

# Conversions

## Conversions Part 2

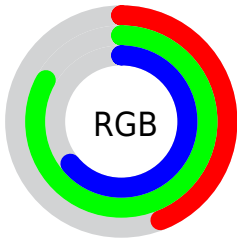
<b>Format</b>	<b>Color</b>
<b>RYB</b>	111, 177, 212
Decimal	7328932
CIELab	77.96, -40.58, 14.77
CIELCh	78, 43.187, 160.004
Yxy	53.1468, 0.2759, 0.3984
Android (android.graphics.Color)	4285519012 (0xFF6FD4A4)
YUV	176.3290, -6.0782, -57.2935
Hunter-Lab	72.9019, -37.4739, 15.7016

# Details

The Hex color **6FD4A4** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D46F9F**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **A8FFDB**, and **349D70** is the 20% darker color. If you saturate the color by 10%, you get **5AD49A**, and if you desaturate by 10%, it is **84D4AE**.

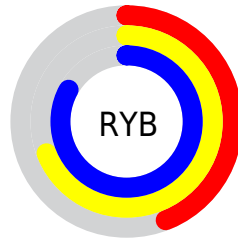
# Distribution



Red (44%)

Green (83%)

Blue (64%)



Red (44%)

Yellow (69%)

Blue (83%)

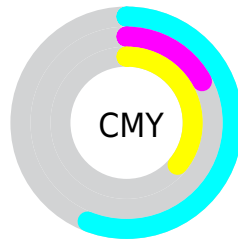


Cyan (48%)

Magenta (0%)

Yellow (23%)

Black (17%)



Cyan (56%)

Magenta (17%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FD4A4 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 6FD4A4 by changing the saturation by 10% instead.





6FD4A4



6FD4A4

FFFFFF



53B88A



A8FFDB



349D70



C5FFF8



0B8258



E2FFFF



006840



004F2A



003715



002300



000000



6FD4A4



6FD4A4

 5AD49A

 84D4AE

 45D490

 99D4B8

 2FD486

 AFD4C2

 1AD47C

 C4D4CC

 05D472

 D9D4D6

 00D46F

 EED4E0

 FFD4EB

 FFD4F5

 FFD4FF

# Harmonies

## Analogous

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



A2CD82



6FD4A4



2DD6CD

# Triad

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



6FD4A4



9CC0FF



FFA88F

# Complementary

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



6FD4A4



D46F9F

# 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.



FFA1B5



6FD4A4



D7B1FE

# Square

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



6FD4A4



51CCFF



FEA5DD



F2B576

# Rectangle

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



6FD4A4



00D5E7



FEA5DD



FFA59B

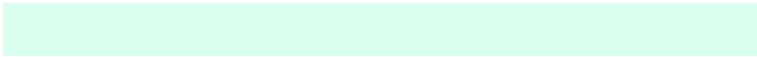


# Sweetspot

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



6FD4A4



DBFFEE



A0D46F



6A8075



000000



808080



# Same Dimension

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



6FD4A4



6EFFBA



6FD2D4



606B66



00AB5A



002B17



# Inverse Universe

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



D46F9F



FF6EB3



D4716F



6B6065



AB0051



2B0015



# Previews

## White Background



This preview shows how the Hex color 6FD4A4 looks on a white background.

## Color Contrast Check

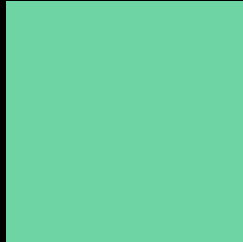
Large Text (above 18pt) WCAG AA × Fail

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 6FD4A4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

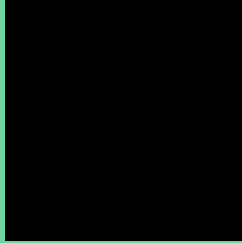
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6FD4A4 Background



This preview shows how black text looks on a background with the Hex color 6FD4A4.

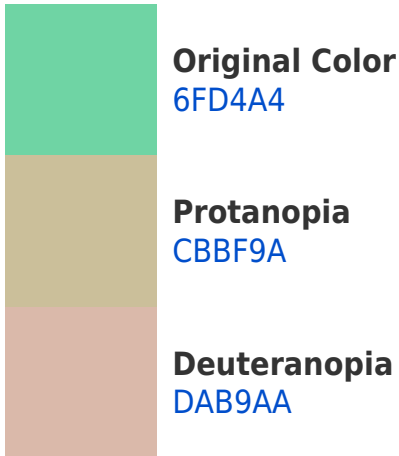


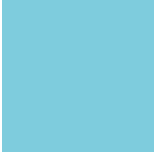
This preview shows how white text looks on a background with the Hex color 6FD4A4.

# 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





# Trichromacy



**Original Color**  
6FD4A4



**Protanomaly**  
AAC79E



**Deuteranomaly**  
B3C3A8



**Tritanomaly**  
79CFC8

# Monochromacy



**Original Color**  
6FD4A4



**Achromatopsia**  
B0B0B0



**Achromatomaly**  
98BDAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FD4A4 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 #6FD4A4 looks like.

```
.text, #text, p{  
    color:#6FD4A4  
}
```

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 #6FD4A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FD4A4
}
```

## Border

The CSS property to change the border of an element to Hex 6FD4A4 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
#6FD4A4 }
```

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

```
.border{ border-color:#6FD4A4 }
```

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

Here you see how a box with a 4 pixel #6FD4A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FD4A4; -webkit-box-shadow:4px 4px  
4px 4px #6FD4A4; box-shadow:4px 4px 4px  
4px #6FD4A4 }
```

# Background

The CSS property to change the background color of an element to Hex 6FD4A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FD4A4 }
```

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

```
.background{ background-color:#6FD4A4 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor