

Converting Colors

Hex(5FD7A4)

Have a look what the booklet for
Hex(5FD7A4) contains.

Hex(5FD7A4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5FD7A4)

Conversions

Conversions Part 1

Format	Color
Hex	5FD7A4
RGB	95, 215, 164
RGB Percent	37%, 84%, 64%
CMY	0.6275, 0.1569, 0.3569
CMYK	0.56, 0.00, 0.24, 0.16
HSL	154°, 60%, 61%
HSV	154°, 56%, 84%
XYZ	35.7206, 53.7141, 43.6071
YIQ	173.3060, -55.1490, -41.3010

Conversions

Conversions Part 2

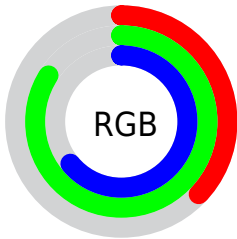
Format	Color
RYB	95, 171, 215
Decimal	6281124
CIELab	78.29, -45.62, 15.16
CIELCh	78, 48.069, 161.623
Yxy	53.7141, 0.2685, 0.4037
Android (android.graphics.Color)	4284471204 (0xFF5FD7A4)
YUV	173.3060, -4.5879, -68.6744
Hunter-Lab	73.2899, -41.2587, 16.0257

Details

The Hex color **5FD7A4** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **D75F92**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **9AFFDB**, and **179F70** is the 20% darker color. If you saturate the color by 10%, you get **4AD79B**, and if you desaturate by 10%, it is **75D7AD**.

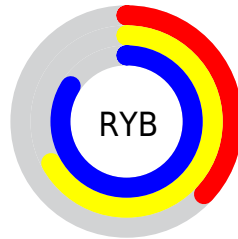
Distribution



Red (37%)

Green (84%)

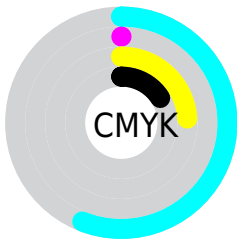
Blue (64%)



Red (37%)

Yellow (67%)

Blue (84%)

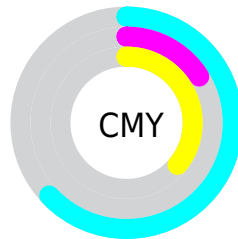


Cyan (56%)

Magenta (0%)

Yellow (24%)

Black (16%)



Cyan (63%)

Magenta (16%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FD7A4 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 5FD7A4 by changing the saturation by 10% instead.

 5FD7A4

 5FD7A4

FFFFFF

 40BB8A

 9AFFDB

 179F70

 B7FFF8

 008558

 D5FFFF

 006B40

 F3FFFF

 00512A

 003915

 002400

 000000

 5FD7A4

 5FD7A4

 4AD79B

 75D7AD

 34D792

 8AD7B6

 1ED789

 A0D7BF

 09D77F

 B5D7C9

 00D77C

 CBD7D2

 E0D7DB

 F6D7E4

 FFD7ED

 FFD7F6

Harmonies

Analogous

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



9CD07D



5FD7A4



00D9D2

Triad

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



5FD7A4



9AC0FF



FFA688

Complementary

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



5FD7A4



D75F92

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.



FF9EB2



5FD7A4



DCAFFF

Square

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



5FD7A4



37CEFF



FFA1DF



F5B56D

Rectangle

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



5FD7A4



00D8EF



FFA1DF



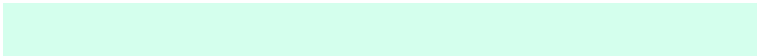
FFA295

Sweetspot

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



5FD7A4



D4FFED



93D75F



668075



000000



808080

Same Dimension

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



5FD7A4



54FFB6



5FCFD7



606B67



00AB62



002B19

Inverse Universe

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



D75F92



FF549D



D7675F



6B6065



AB0049



2B0012

Previews

White Background



This preview shows how the Hex color 5FD7A4 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 5FD7A4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

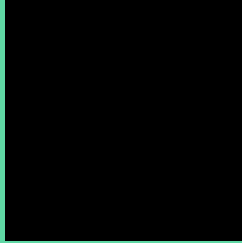
Any Text WCAG AA ✓ Pass

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 5FD7A4 Background



This preview shows how black text looks on a background with the Hex color 5FD7A4.

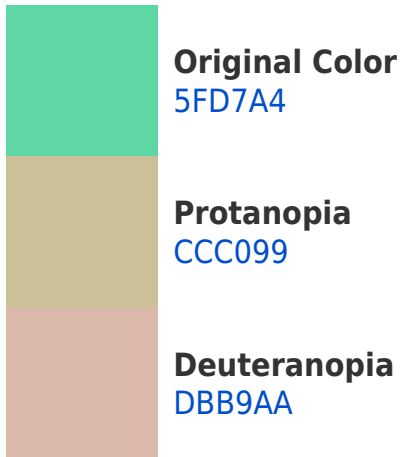


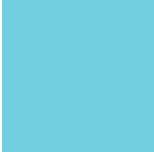
This preview shows how white text looks on a background with the Hex color 5FD7A4.

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
71CFE0

Trichromacy



Original Color
5FD7A4



Protanomaly
A4C89D



Deuteranomaly
AEC4A8

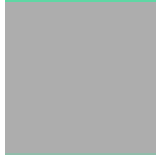


Tritanomaly
6AD2CA

Monochromacy



Original Color
5FD7A4



Achromatopsia
ADADAD



Achromatomaly
91BCAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FD7A4 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 #5FD7A4 looks like.

```
.text, #text, p{  
    color:#5FD7A4  
}
```

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 #5FD7A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FD7A4
}
```

Border

The CSS property to change the border of an element to Hex 5FD7A4 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
#5FD7A4 }
```

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

```
.border{ border-color:#5FD7A4 }
```

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

Here you see how a box with a 4 pixel #5FD7A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FD7A4; -webkit-box-shadow:4px 4px  
4px 4px #5FD7A4; box-shadow:4px 4px 4px  
4px #5FD7A4 }
```

Background

The CSS property to change the background color of an element to Hex 5FD7A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FD7A4 }
```

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

```
.background{ background-color:#5FD7A4 }
```

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