

Converting Colors

Hex(6FC9A9)

Have a look what the booklet for
Hex(6FC9A9) contains.

Hex(6FC9A9)	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(6FC9A9)

Conversions

Conversions Part 1

Format	Color
Hex	6FC9A9
RGB	111, 201, 169
RGB Percent	44%, 79%, 66%
CMY	0.5647, 0.2118, 0.3373
CMYK	0.45, 0.00, 0.16, 0.21
HSL	159°, 45%, 61%
HSV	159°, 45%, 79%
XYZ	34.6036, 48.0174, 44.9806
YIQ	170.4420, -43.3680, -29.0320

Conversions

Conversions Part 2

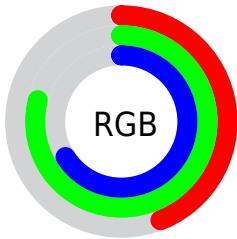
Format	Color
RYB	111, 166, 201
Decimal	7326121
CIELab	74.84, -34.51, 7.66
CIELCh	75, 35.350, 167.486
Yxy	48.0174, 0.2712, 0.3763
Android (android.graphics.Color)	4285516201 (0xFF6FC9A9)
YUV	170.4420, -0.7109, -52.1306
Hunter-Lab	69.2946, -32.1280, 10.0198

Details

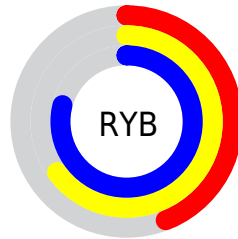
The Hex color **6FC9A9** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C96F8F**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **A7FFE0**, and **379275** is the 20% darker color. If you saturate the color by 10%, you get **5BC9A2**, and if you desaturate by 10%, it is **83C9B0**.

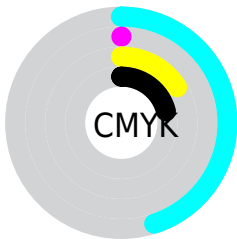
Distribution



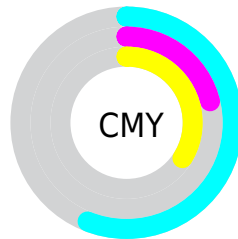
- Red (44%)
- Green (79%)
- Blue (66%)



- Red (44%)
- Yellow (65%)
- Blue (79%)



- Cyan (45%)
- Magenta (0%)
- Yellow (16%)
- Black (21%)



- Cyan (56%)
- Magenta (21%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FC9A9 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 6FC9A9 by changing the saturation by 10% instead.



6FC9A9



6FC9A9

FFFFFF



53AD8F



A7FFE0



379275



C3FFFD



14785C



E0FFFF



005F45

FEFFFF



00472E



002F1A



001A00



000000



6FC9A9



6FC9A9

 5BC9A2

 83C9B0

 47C99B

 97C9B7

 33C994

 ABC9BE

 1FC98C

 BFC9C6

 0BC985

 D4C9CD

 00C982

 E8C9D4

 FCC9DB

 FFC9E2

 FFC9E9

Harmonies

Analogous

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



96C48B



6FC9A9



4DCACB

Triad

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



6FC9A9



A9B5F6



F1A78A

Complementary

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



6FC9A9



C96F8F

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.



F9A0A6



6FC9A9



D4A9E4

Square

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



6FC9A9



76BFF7



EFA1C7



DBB179

Rectangle

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



6FC9A9



46C8DF



EFA1C7



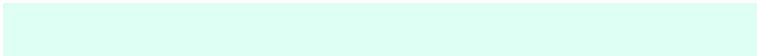
F5A492

Sweetspot

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



6FC9A9



DEFFF3



90C96F



6B8078



000000



808080

Same Dimension

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



6FC9A9



75FFCE



6FBDC9



5A6360



00A369



002417

Inverse Universe

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



C96F8F



FF75A6



C97B6F



635A5D



A3003A



24000D

Previews

White Background



This preview shows how the Hex color 6FC9A9 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 6FC9A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

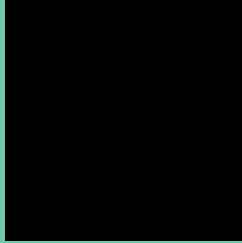
Any Text WCAG AA ✓ Pass

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 6FC9A9 Background



This preview shows how black text looks on a background with the Hex color 6FC9A9.

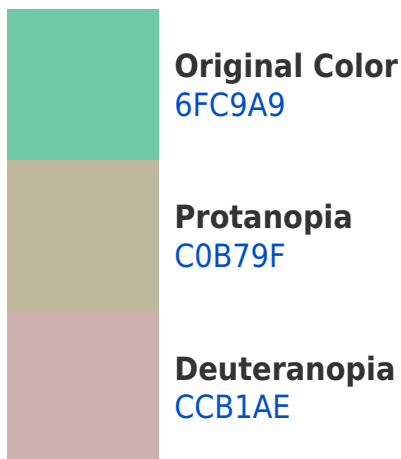


This preview shows how white text looks on a background with the Hex color 6FC9A9.

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
7AC3D3

Trichromacy



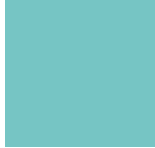
Original Color
6FC9A9



Protanomaly
A3BEA3



Deuteranomaly
AABAAC



Tritanomaly
76C5C4

Monochromacy



Original Color
6FC9A9



Achromatopsia
AAAAAA



Achromatomaly
95B5AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 6FC9A9 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 #6FC9A9 looks like.

```
.text, #text, p{  
    color:#6FC9A9  
}
```

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 #6FC9A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FC9A9
}
```

Border

The CSS property to change the border of an element to Hex 6FC9A9 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
#6FC9A9 }
```

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

```
.border{ border-color:#6FC9A9 }
```

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

Here you see how a box with a 4 pixel #6FC9A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FC9A9; -webkit-box-shadow:4px 4px  
4px 4px #6FC9A9; box-shadow:4px 4px 4px  
4px #6FC9A9 }
```

Background

The CSS property to change the background color of an element to Hex 6FC9A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FC9A9 }
```

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

```
.background{ background-color:#6FC9A9 }
```

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