

# Converting Colors

Hex(6CD9AF)

Have a look what the booklet for  
Hex(6CD9AF) contains.

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# **Color**

**Hex(6CD9AF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CD9AF
RGB	108, 217, 175
RGB Percent	42%, 85%, 69%
CMY	0.5765, 0.1490, 0.3137
CMYK	0.50, 0.00, 0.19, 0.15
HSL	157°, 59%, 64%
HSV	157°, 50%, 85%
XYZ	38.7351, 55.9090, 49.3074
YIQ	179.6210, -51.4820, -36.1700

# Conversions

## Conversions Part 2

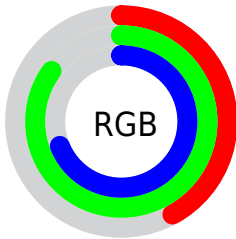
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">108, 176, 217</a>
Decimal	<a href="#">7133615</a>
<a href="#">CIELab</a>	<a href="#">79.56, -41.20, 11.18</a>
<a href="#">CIElCh</a>	<a href="#">80, 42.692, 164.822</a>
<a href="#">Yxy</a>	<a href="#">55.9090, 0.2691, 0.3884</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4285323695 (0xFF6CD9AF)</a>
<a href="#">YUV</a>	<a href="#">179.6210, -2.2782, -62.8116</a>
<a href="#">Hunter-Lab</a>	<a href="#">74.7723, -38.3814, 13.2428</a>

# Details

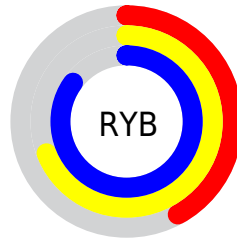
The Hex color **6CD9AF** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D96C96**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **A6FFE7**, and **2EA17B** is the 20% darker color. If you saturate the color by 10%, you get **56D9A7**, and if you desaturate by 10%, it is **82D9B7**.

# Distribution



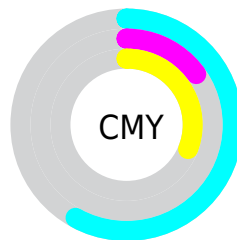
- Red (42%)
- Green (85%)
- Blue (69%)



- Red (42%)
- Yellow (69%)
- Blue (85%)



- Cyan (50%)
- Magenta (0%)
- Yellow (19%)
- Black (15%)



- Cyan (58%)
- Magenta (15%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CD9AF 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 6CD9AF by changing the saturation by 10% instead.





6CD9AF



6CD9AF

FFFFFF



4FBD94



A6FFE7



2EA17B



C3FFFF



008762



E0FFFF



006D4A

FEFFFF



005433



003B1E



002706



000000



6CD9AF



6CD9AF

 56D9A7

 82D9B7

 41D99E

 97D9C0

 2BD996

 ADD9C8

 15D98E

 C3D9D0

 00D985

 D9D9D9

 EED9E1

 FFD9EA

 FFD9F2

 FFD9FA

# Harmonies

## Analogous

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



9FD38B



6CD9AF



2EDAD8

# Triad

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



6CD9AF



ABC2FF



FFAE8F

# Complementary

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



6CD9AF



D96C96

# 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.



FFA6B3



6CD9AF



E3B4FE

# Square

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



6CD9AF



66CFFF



FFA8DB



F1BC78

# Rectangle

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



6CD9AF



01D9F1



FFA8DB



FFAB9A

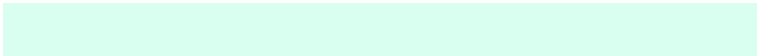


# Sweetspot

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



6CD9AF



D9FFF0



98D96C



698077



000000



808080



# Same Dimension

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



6CD9AF



66FFC4



6CCED9



636E69



00AD6B



002E1C



# Inverse Universe

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



D96C96



FF66A1



D9776C



6E6367



AD0043

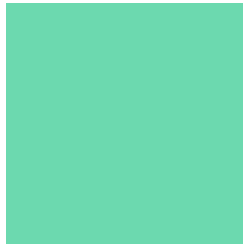


2E0012



# Previews

## White Background



This preview shows how the Hex color 6CD9AF looks on a white background.

## Color Contrast Check

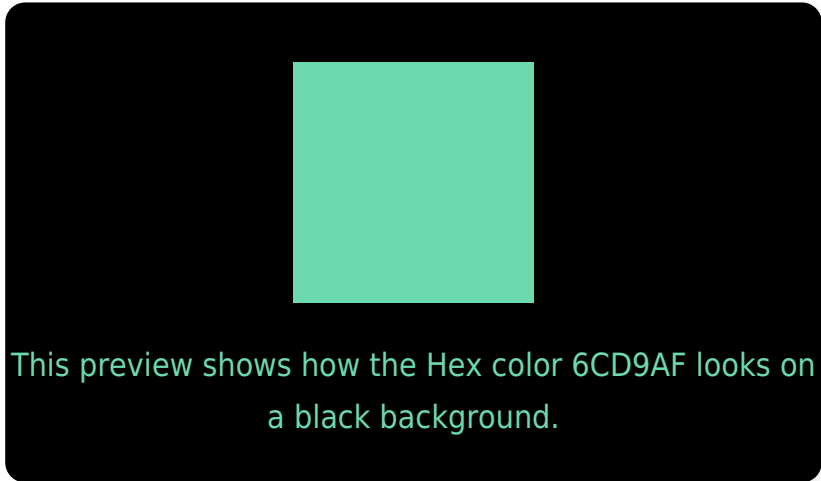
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

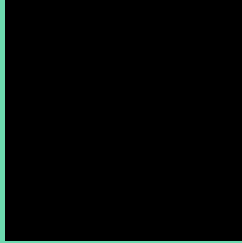
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6CD9AF Background



This preview shows how black text looks on a background with the Hex color 6CD9AF.

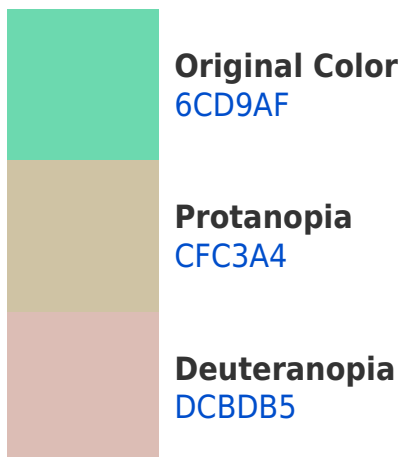


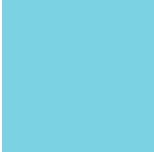
This preview shows how white text looks on a background with the Hex color 6CD9AF.

# 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**  
7BD2E3

# Trichromacy



**Original Color**  
6CD9AF



**Protanomaly**  
ABCBA8



**Deuteranomaly**  
B3C7B3



**Tritanomaly**  
76D5D0

# Monochromacy



**Original Color**  
6CD9AF



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
9AC1B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CD9AF 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 #6CD9AF looks like.

```
.text, #text, p{  
    color:#6CD9AF  
}
```

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 #6CD9AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CD9AF
}
```

## Border

The CSS property to change the border of an element to Hex 6CD9AF 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
#6CD9AF }
```

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

```
.border{ border-color:#6CD9AF }
```

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

Here you see how a box with a 4 pixel #6CD9AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CD9AF; -webkit-box-shadow:4px 4px  
4px 4px #6CD9AF; box-shadow:4px 4px 4px  
4px #6CD9AF }
```

# Background

The CSS property to change the background color of an element to Hex 6CD9AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CD9AF }
```

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

```
.background{ background-color:#6CD9AF }
```

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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