

# Converting Colors

Hex(7FD09E)

Have a look what the booklet for  
Hex(7FD09E) contains.

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**Color**

**Hex(7FD09E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FD09E
RGB	127, 208, 158
RGB Percent	50%, 82%, 62%
CMY	0.5020, 0.1843, 0.3804
CMYK	0.39, 0.00, 0.24, 0.18
HSL	143°, 46%, 66%
HSV	143°, 39%, 82%
XYZ	37.4798, 52.0924, 40.4272
YIQ	178.0810, -32.2260, -32.7220

# Conversions

## Conversions Part 2

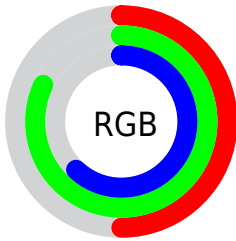
Format	Color
<a href="#">RYB</a>	<a href="#">127, 186, 208</a>
Decimal	<a href="#">8376478</a>
CIELab	<a href="#">77.34, -35.66, 17.18</a>
CIELCh	<a href="#">77, 39.578, 154.279</a>
Yxy	<a href="#">52.0924, 0.2883, 0.4007</a>
Android (android.graphics.Color)	<a href="#">4286566558 (0xFF7FD09E)</a>
YUV	<a href="#">178.0810, -9.8999, -44.7980</a>
Hunter-Lab	<a href="#">72.1751, -33.6130, 17.3126</a>

# Details

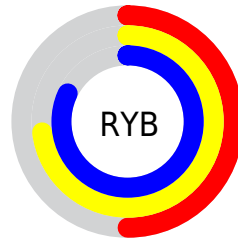
The Hex color **7FD09E** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D07FB1**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B6FFD5**, and **49996A** is the 20% darker color. If you saturate the color by 10%, you get **6AD091**, and if you desaturate by 10%, it is **94D0AB**.

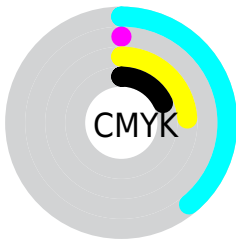
# Distribution



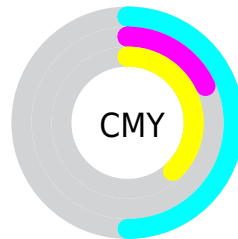
- Red (50%)
- Green (82%)
- Blue (62%)



- Red (50%)
- Yellow (73%)
- Blue (82%)



- Cyan (39%)
- Magenta (0%)
- Yellow (24%)
- Black (18%)



- Cyan (50%)
- Magenta (18%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FD09E 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 7FD09E by changing the saturation by 10% instead.



 7FD09E

 7FD09E

FFFFFF

 64B484

 B6FFD5

 49996A

 D3FFF1

 2D7F52

 F0FFFF

 09653B

 004D25

 003510

 002100

 000000

 7FD09E

 7FD09E

 6AD091

 94D0AB

 55D084

 A9D0B8

 41D077

 BDD0C5

 2CD06B

 D2D0D1

 17D05E

 E7D0DE

 02D051

 FCD0EB

 00D050

 FFD0F8

 FFD0FF

# Harmonies

## Analogous

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



ABC981



7FD09E



4FD3C3

# Triad

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



7FD09E



93C1FF



FFA798

# Complementary

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



7FD09E



D07FB1

# 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.



FFA3BB



7FD09E



CAB4FC

# Square

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



7FD09E



55CBFF



F2A8E0



F2B27E

# Rectangle

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



7FD09E



32D2DC



F2A8E0



FFA4A3

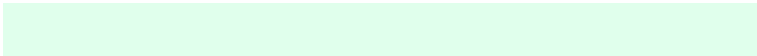


# Sweetspot

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



7FD09E



E0FFEC



B2D07F



6E8074



000000



808080



# Same Dimension

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



7FD09E



87FFB5



7FD0C5



5E6962



00A840



002910



# Inverse Universe

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



D07FB1



FF87D1



D07F8A



695E65



A80068

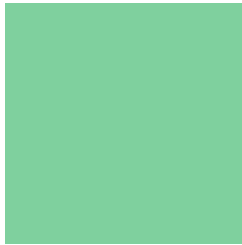


290019



# Previews

## White Background



This preview shows how the Hex color 7FD09E looks on a white background.

## Color Contrast Check

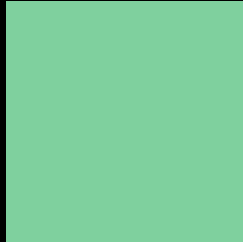
Large Text (above 18pt) WCAG AA × Fail

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 7FD09E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

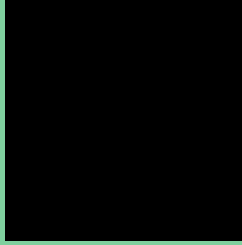
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7FD09E Background



This preview shows how black text looks on a background with the Hex color 7FD09E.

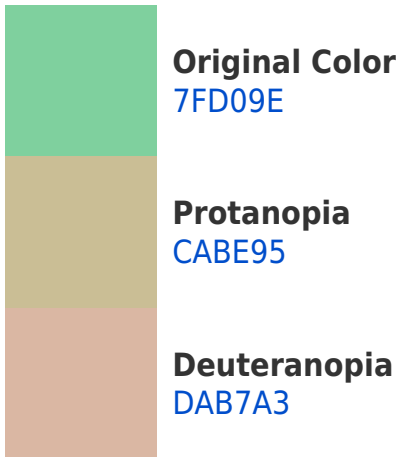


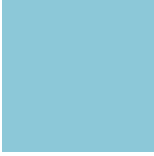
This preview shows how white text looks on a background with the Hex color 7FD09E.

# 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**  
8CC8D8

# Trichromacy



**Original Color**  
7FD09E



**Protanomaly**  
AFC598



**Deuteranomaly**  
B9C0A1



**Tritanomaly**  
87CBC3

# Monochromacy



**Original Color**  
7FD09E



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
9FBDAB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FD09E 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 #7FD09E looks like.

```
.text, #text, p{  
    color:#7FD09E  
}
```

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 #7FD09E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FD09E
}
```

## Border

The CSS property to change the border of an element to Hex 7FD09E 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
#7FD09E }
```

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

```
.border{ border-color:#7FD09E }
```

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

Here you see how a box with a 4 pixel #7FD09E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FD09E; -webkit-box-shadow:4px 4px  
4px 4px #7FD09E; box-shadow:4px 4px 4px  
4px #7FD09E }
```

# Background

The CSS property to change the background color of an element to Hex 7FD09E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FD09E }
```

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

```
.background{ background-color:#7FD09E }
```

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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