

# Converting Colors

Hex(7FD080)

Have a look what the booklet for  
Hex(7FD080) contains.

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**Color**

**Hex(7FD080)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FD080
RGB	127, 208, 128
RGB Percent	50%, 82%, 50%
CMY	0.5020, 0.1843, 0.4980
CMYK	0.39, 0.00, 0.38, 0.18
HSL	121°, 46%, 66%
HSV	121°, 39%, 82%
XYZ	35.2046, 51.1823, 28.4458
YIQ	174.6610, -22.5960, -42.0520

# Conversions

## Conversions Part 2

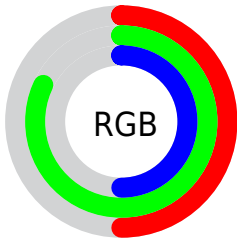
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 207, 208
Decimal	8376448
CIELab	76.79, -40.87, 32.13
CIElCh	77, 51.989, 141.833
Yxy	51.1823, 0.3066, 0.4457
Android (android.graphics.Color)	4286566528 (0xFF7FD080)
YUV	174.6610, -23.0039, -41.7987
Hunter-Lab	71.5418, -37.3612, 26.5049

# Details

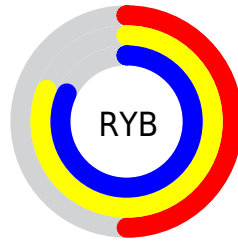
The Hex color **7FD080** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D07FCF**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **B7FFB6**, and **48994E** is the 20% darker color. If you saturate the color by 10%, you get **6AD06B**, and if you desaturate by 10%, it is **94D095**.

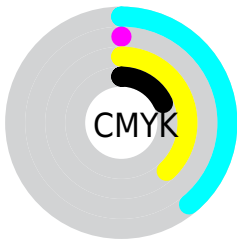
# Distribution



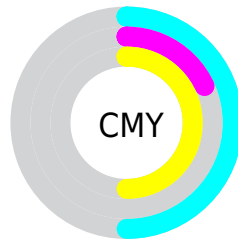
- Red (50%)
- Green (82%)
- Blue (50%)



- Red (50%)
- Yellow (81%)
- Blue (82%)



- Cyan (39%)
- Magenta (0%)
- Yellow (38%)
- Black (18%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FD080 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 7FD080 by changing the saturation by 10% instead.



 7FD080

 7FD080

FFFFFF

 64B466

 B7FFB6

 48994E

 D3FFD1

 2C7F36

 F1FFEE

 05651E

 004C05

 003400

 002000

 000000

 7FD080

 7FD080

 6AD06B

 94D095

 55D057

 A9D0A9

 41D042

 BDD0BE

 2CD02E

 D2D0D2

 17D019

 E7D0E7

 02D005

 FCD0FB

 00D003

 FFD0FF

# Harmonies

## Analogous

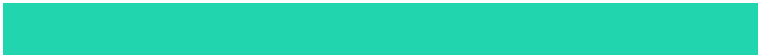
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B8C661



7FD080



21D5AE

# Triad

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



7FD080



47C6FF



FF989C

# Complementary

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



7FD080



D07FCF

# 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.



FF97CD



7FD080



ADB6FF

# Square

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



7FD080



00D1FF



EDA4FA



FFA573

# Rectangle

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



7FD080



00D6D0



EDA4FA



FF96AC

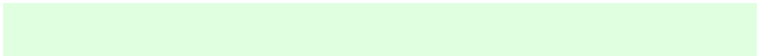


# Sweetspot

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



7FD080



E0FFE1



D0D07F



6E806E



000000



808080



# Same Dimension

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



7FD080



87FF89



7FD0A8



5E695E



00A802



002901



# Inverse Universe

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



D07FCF



FF87FE



D07FA8



695E68



A800A6



290028



# Previews

## White Background



This preview shows how the Hex color 7FD080 looks on a white background.

## Color Contrast Check

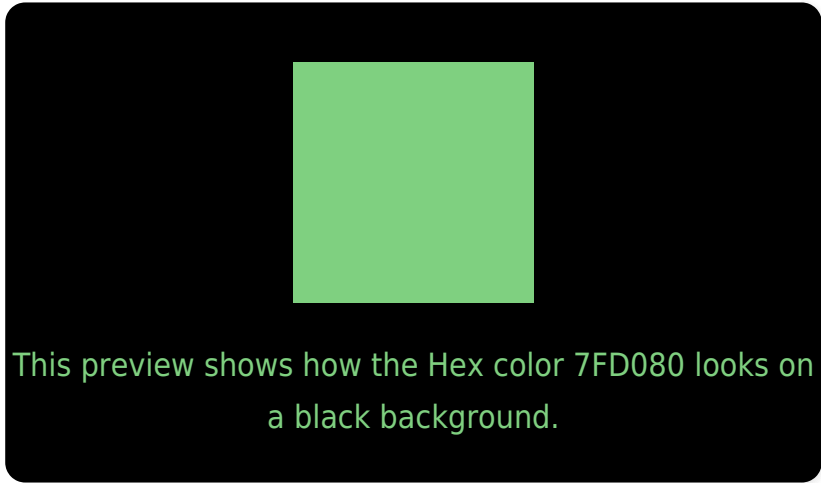
Large Text (above 18pt) WCAG AA × Fail

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

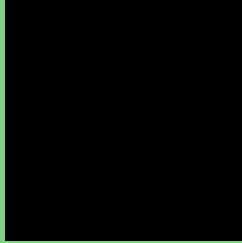
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7FD080 Background



This preview shows how black text looks on a background with the Hex color 7FD080.

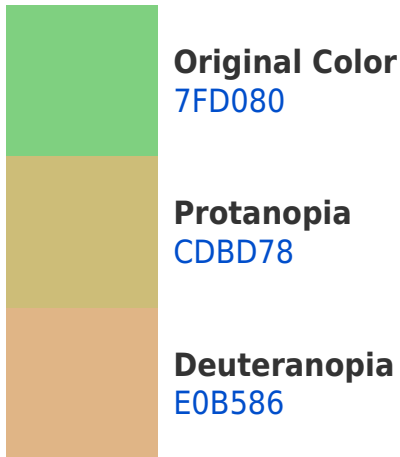


This preview shows how white text looks on a background with the Hex color 7FD080.

# 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**  
90C6D6

# Trichromacy



**Original Color**  
7FD080



**Protanomaly**  
B1C47B



**Deuteranomaly**  
BDBF84



**Tritanomaly**  
8ACAB7

# Monochromacy



**Original Color**  
7FD080



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
9EBB9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FD080 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 #7FD080 looks like.

```
.text, #text, p{  
    color:#7FD080  
}
```

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 #7FD080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FD080
}
```

## Border

The CSS property to change the border of an element to Hex 7FD080 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
#7FD080 }
```

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

```
.border{ border-color:#7FD080 }
```

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

Here you see how a box with a 4 pixel #7FD080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FD080; -webkit-box-shadow:4px 4px  
4px 4px #7FD080; box-shadow:4px 4px 4px  
4px #7FD080 }
```

# Background

The CSS property to change the background color of an element to Hex 7FD080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FD080 }
```

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

```
.background{ background-color:#7FD080 }
```

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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