

Converting Colors

Hex(7FDCA8)

Have a look what the booklet for
Hex(7FDCA8) contains.

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Color

Hex(7FDCA8)

Conversions

Conversions Part 1

Format	Color
Hex	7FDCA8
RGB	127, 220, 168
RGB Percent	50%, 86%, 66%
CMY	0.5020, 0.1373, 0.3412
CMYK	0.42, 0.00, 0.24, 0.14
HSL	146°, 57%, 68%
HSV	146°, 42%, 86%
XYZ	41.4135, 58.5256, 46.1596
YIQ	186.2650, -38.7360, -35.8880

Conversions

Conversions Part 2

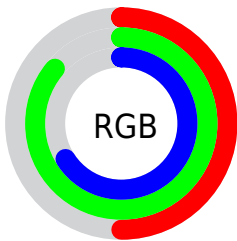
Format	Color
RYB	127, 192, 220
Decimal	8379560
CIELab	81.03, -39.18, 17.05
CIElCh	81, 42.725, 156.482
Yxy	58.5256, 0.2835, 0.4006
Android (android.graphics.Color)	4286569640 (0xFF7FDCA8)
YUV	186.2650, -9.0046, -51.9754
Hunter-Lab	76.5020, -37.2496, 17.7771

Details

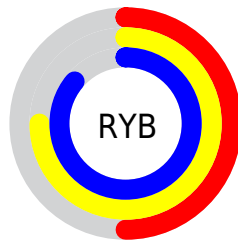
The Hex color **7FDCA8** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DC7FB3**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **B7FFDF**, and **47A474** is the 20% darker color. If you saturate the color by 10%, you get **69DC9C**, and if you desaturate by 10%, it is **95DCB4**.

Distribution



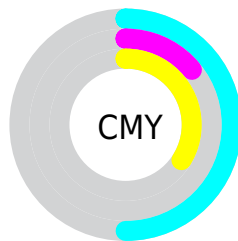
- Red (50%)
- Green (86%)
- Blue (66%)



- Red (50%)
- Yellow (75%)
- Blue (86%)



- Cyan (42%)
- Magenta (0%)
- Yellow (24%)
- Black (14%)



- Cyan (50%)
- Magenta (14%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FDCA8 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 7FDCA8 by changing the saturation by 10% instead.

 7FDCA8

 7FDCA8

FFFFFF

 63C08D

 B7FFDF

 47A474

 D4FFFC

 298A5B

 F1FFFF

 007043

 00572D

 003E17

 002900

 000700

 000000

 7FDC A8

 7FDC A8

 69DC 9C

 95DC B4

 53DC 8F

 ABDCC1

 3DDC 83

 C1DCCD

 27DC 77

 D7DC D9

 11DC 6A

 EDDCE6

 00DC 61

 FFDC F2

 FFDC FE

 FFDC FF

Harmonies

Analogous

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



B0D588



7FDCA8



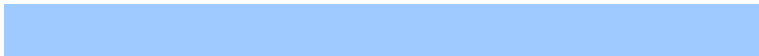
46DFD1

Triad

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



7FDCA8



9ECAFF



FFAF9C

Complementary

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



7FDCA8



DC7FB3

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.



FFAAC2



7FDCA8



D9BCFF

Square

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



7FDCA8



56D6FF



FFAFE8



FEBC81

Rectangle

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



7FDCA8



1EDEEB



FFAFE8



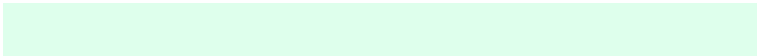
FFADA8

Sweetspot

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



7FDCA8



DEFFEC



B4DC7F



6B8074



000000



808080

Same Dimension

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



7FDCA8



7DFFB6



7FD6D6



636E68



00AD4C



002E14

Inverse Universe

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



DC7FB3



FF7DC6



DC7F85



6E6369



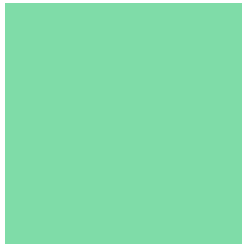
AD0061



2E001A

Previews

White Background



This preview shows how the Hex color 7FDCA8 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 7FDCA8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

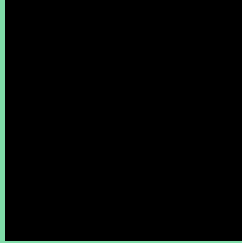
Any Text WCAG AA ✓ Pass

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 7FDCA8 Background



This preview shows how black text looks on a background with the Hex color 7FDCA8.

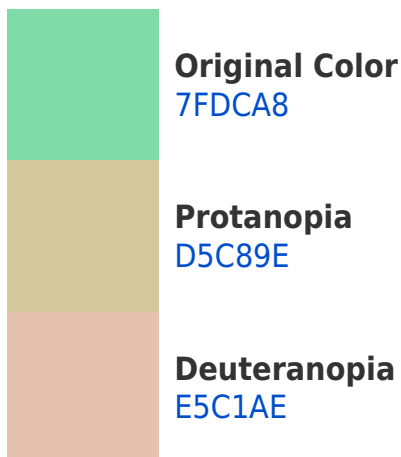


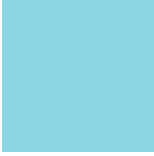
This preview shows how white text looks on a background with the Hex color 7FDCA8.

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
8DD4E5

Trichromacy



Original Color
7FDCA8



Protanomaly
B6CFA2



Deuteranomaly
C0CBAC



Tritanomaly
88D7CF

Monochromacy



Original Color
7FDCA8



Achromatopsia
BABABA



Achromatomaly
A5C6B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FDCA8 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 #7FDCA8 looks like.

```
.text, #text, p{  
    color:#7FDCA8  
}
```

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 #7FDCA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FDCA8
}
```

Border

The CSS property to change the border of an element to Hex 7FDCA8 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
#7FDCA8 }
```

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

```
.border{ border-color:#7FDCA8 }
```

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

Here you see how a box with a 4 pixel #7FDCA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FDCA8; -webkit-box-shadow:4px 4px  
4px 4px #7FDCA8; box-shadow:4px 4px 4px  
4px #7FDCA8 }
```

Background

The CSS property to change the background color of an element to Hex 7FDCA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FDCA8 }
```

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

```
.background{ background-color:#7FDCA8 }
```

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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