

Converting Colors

Hex(7DC1A9)

Have a look what the booklet for
Hex(7DC1A9) contains.

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Color

Hex(7DC1A9)

Conversions

Conversions Part 1

Format	Color
Hex	7DC1A9
RGB	125, 193, 169
RGB Percent	49%, 76%, 66%
CMY	0.5098, 0.2431, 0.3373
CMYK	0.35, 0.00, 0.12, 0.24
HSL	159°, 35%, 62%
HSV	159°, 35%, 76%
XYZ	34.6888, 45.3645, 44.4640
YIQ	169.9320, -32.8240, -21.8800

Conversions

Conversions Part 2

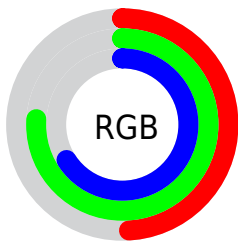
Format	Color
RYB	125, 166, 193
Decimal	8241577
CIELab	73.13, -26.87, 5.29
CIELCh	73, 27.386, 168.856
Yxy	45.3645, 0.2786, 0.3643
Android (android.graphics.Color)	4286431657 (0xFF7DC1A9)
YUV	169.9320, -0.4595, -39.4054
Hunter-Lab	67.3532, -25.9353, 8.0062

Details

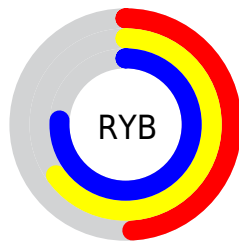
The Hex color **7DC1A9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C17D95**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **B4FAE0**, and **488B75** is the 20% darker color. If you saturate the color by 10%, you get **6AC1A2**, and if you desaturate by 10%, it is **90C1B0**.

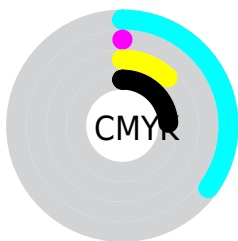
Distribution



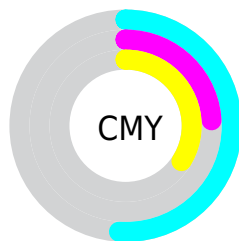
- Red (49%)
- Green (76%)
- Blue (66%)



- Red (49%)
- Yellow (65%)
- Blue (76%)



- Cyan (35%)
- Magenta (0%)
- Yellow (12%)
- Black (24%)



- Cyan (51%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DC1A9 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 7DC1A9 by changing the saturation by 10% instead.

 7DC1A9

 7DC1A9

FFFFFF

 62A68F

 B4FAE0

 488B75

 D0FFFD

 2E715C

 EDFFFF

 105945

 00412F

 002A1A

 001300

 000000

 7DC1A9

 7DC1A9

 6AC1A2

 90C1B0

 56C19B

 A4C1B7

 43C195

 B7C1BD

 30C18E

 CAC1C4

 1CC187

 DEC1CB

 09C180

 F1C1D2

 00C17D

 FFC1D9

 FFC1DF

 FFC1E6

Harmonies

Analogous

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



99BD92



7DC1A9



6AC2C3

Triad

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



7DC1A9



ABB0E3



E0A78F

Complementary

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



7DC1A9



C17D95

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.



E7A2A4



7DC1A9



CAA8D5

Square

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



7DC1A9



87B9E4



DFA2BE



CEAF83

Rectangle

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



7DC1A9



69C0D2



DFA2BE



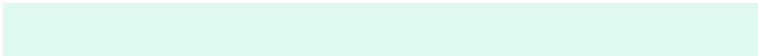
E4A595

Sweetspot

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



7DC1A9



DEFAF0



96C17D



6D7D77



FCFCFC



7D7D7D

Same Dimension

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



7DC1A9



91FAD5



7DB8C1



57615D



00A168



002115

Inverse Universe

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



C17D95



FA91B6



C1867D



61575B



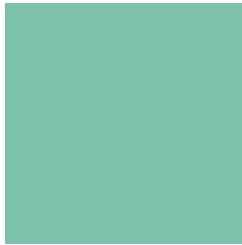
A10039



21000C

Previews

White Background



This preview shows how the Hex color 7DC1A9 looks on a white background.

Color Contrast Check

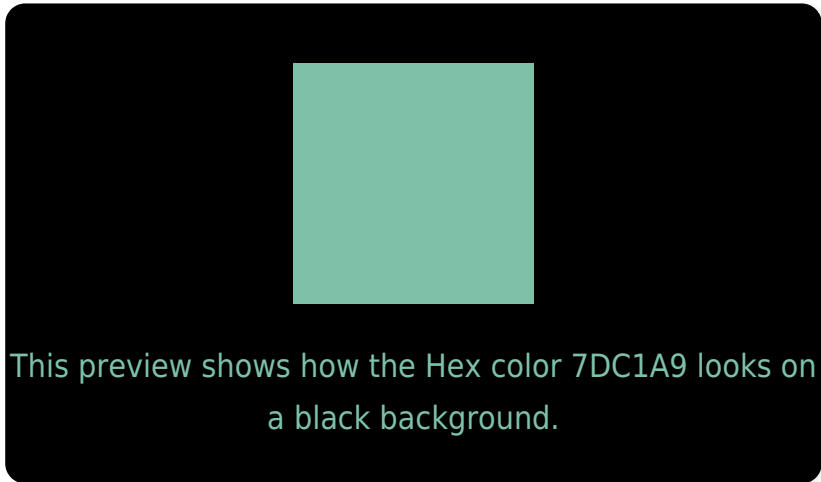
Large Text (above 18pt) WCAG AA × Fail

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

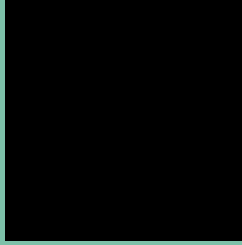
Any Text WCAG AA ✓ Pass

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 7DC1A9 Background



This preview shows how black text looks on a background with the Hex color 7DC1A9.

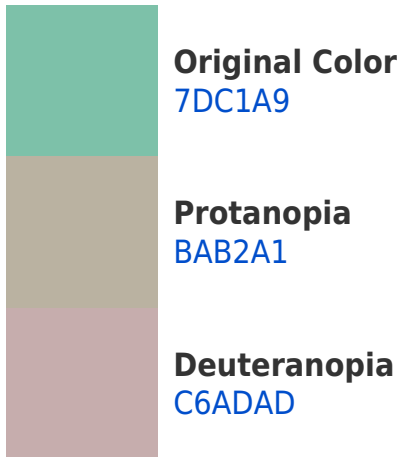


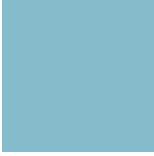
This preview shows how white text looks on a background with the Hex color 7DC1A9.

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
85BCCB

Trichromacy



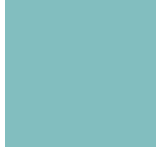
Original Color
7DC1A9



Protanomaly
A4B7A4



Deuteranomaly
ABB4AC



Tritanomaly
82BEBF

Monochromacy



Original Color
7DC1A9



Achromatopsia
AAAAAA



Achromatomaly
9AB2AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DC1A9 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 #7DC1A9 looks like.

```
.text, #text, p{  
    color:#7DC1A9  
}
```

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 #7DC1A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DC1A9
}
```

Border

The CSS property to change the border of an element to Hex 7DC1A9 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
#7DC1A9 }
```

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

```
.border{ border-color:#7DC1A9 }
```

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

Here you see how a box with a 4 pixel #7DC1A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DC1A9; -webkit-box-shadow:4px 4px  
4px 4px #7DC1A9; box-shadow:4px 4px 4px  
4px #7DC1A9 }
```

Background

The CSS property to change the background color of an element to Hex 7DC1A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DC1A9 }
```

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

```
.background{ background-color:#7DC1A9 }
```

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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