

Converting Colors

Hex(77DA9C)

Have a look what the booklet for
Hex(77DA9C) contains.

Hex(77DA9C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(77DA9C)

Conversions

Conversions Part 1

Format	Color
Hex	77DA9C
RGB	119, 218, 156
RGB Percent	47%, 85%, 61%
CMY	0.5333, 0.1451, 0.3882
CMYK	0.45, 0.00, 0.28, 0.15
HSL	142°, 57%, 66%
HSV	142°, 45%, 85%
XYZ	38.6799, 56.4650, 40.3127
YIQ	181.3310, -39.1020, -40.2700

Conversions

Conversions Part 2

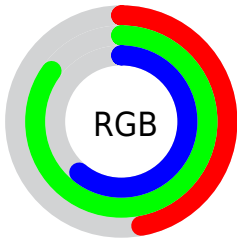
Format	Color
RYB	119, 191, 218
Decimal	7854748
CIELab	79.88, -42.74, 21.69
CIELCh	80, 47.931, 153.088
Yxy	56.4650, 0.2855, 0.4168
Android (android.graphics.Color)	4286044828 (0xFF77DA9C)
YUV	181.3310, -12.4882, -54.6643
Hunter-Lab	75.1432, -39.6179, 20.7925

Details

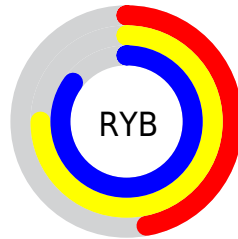
The Hex color **77DA9C** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DA77B5**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **B0FFD3**, and **3EA268** is the 20% darker color. If you saturate the color by 10%, you get **61DA8E**, and if you desaturate by 10%, it is **8DDAAA**.

Distribution



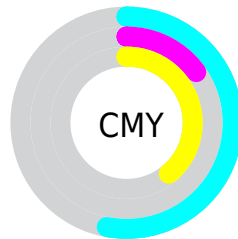
- Red (47%)
- Green (85%)
- Blue (61%)



- Red (47%)
- Yellow (75%)
- Blue (85%)



- Cyan (45%)
- Magenta (0%)
- Yellow (28%)
- Black (15%)



- Cyan (53%)
- Magenta (15%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77DA9C 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 77DA9C by changing the saturation by 10% instead.

 77DA9C

 77DA9C

FFFFFF

 5BBE82

 B0FFD3

 3EA268

 CCFFEf

 1C8850


 EAFFFF

 006E39

 005422

 003C0D

 002800

 000000

 77DA9C

 77DA9C

 61DA8E

 8DDAAA

 4BDA81

 A3DAB7

 36DA73

 B8DAC5

 20DA65

 CEDAD3

 0ADA58

 E4DAE0

 00DA51

 FADAEE

 FFDAFC

 FFDAFF

Harmonies

Analogous

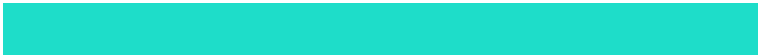
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AFD279



77DA9C



1EDDC9

Triad

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



77DA9C



88C9FF



FFA798

Complementary

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



77DA9C



DA77B5

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.



FFA2C3



77DA9C



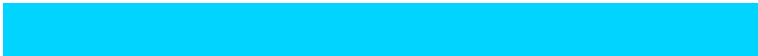
D1B9FF

Square

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



77DA9C



01D5FF



FFA9EF



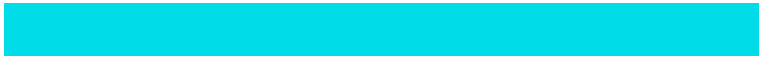
FFB577

Rectangle

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



77DA9C



00DDE8



FFA9EF



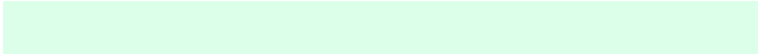
FFA4A5

Sweetspot

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



77DA9C



DBFFE9



B6DA77



6A8072



000000



808080

Same Dimension

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



77DA9C



75FFA9



77DACD



636E67



00AD41



002E11

Inverse Universe

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



DA77B5



FF75CC



DA7784



6E636A



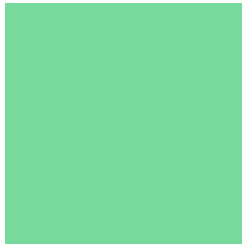
AD006D



2E001D

Previews

White Background



This preview shows how the Hex color 77DA9C 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 77DA9C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

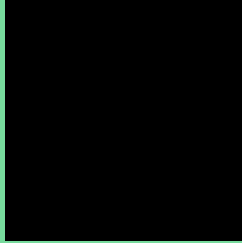
Any Text WCAG AA ✓ Pass

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 77DA9C Background



This preview shows how black text looks on a background with the Hex color 77DA9C.

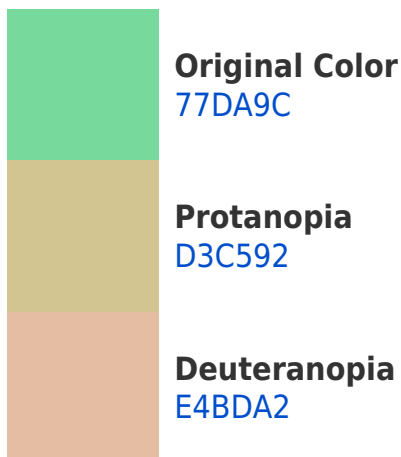


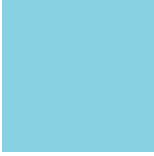
This preview shows how white text looks on a background with the Hex color 77DA9C.

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](#).

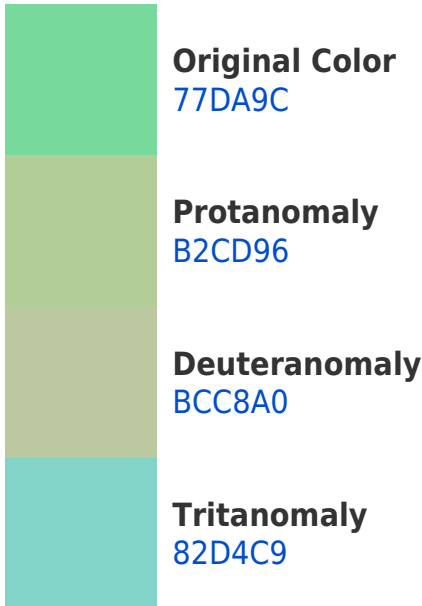
Dichromacy



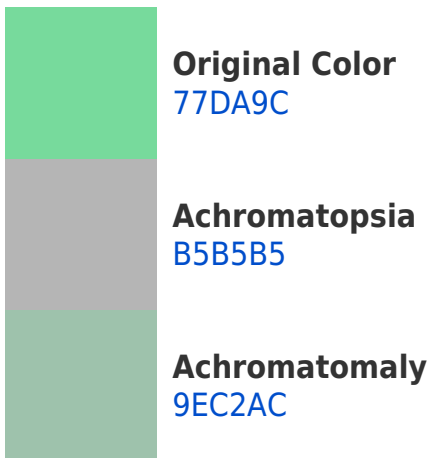


Tritanopia
88D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77DA9C 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 #77DA9C looks like.

```
.text, #text, p{  
    color:#77DA9C  
}
```

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 #77DA9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77DA9C
}
```

Border

The CSS property to change the border of an element to Hex 77DA9C 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
#77DA9C }
```

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

```
.border{ border-color:#77DA9C }
```

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

Here you see how a box with a 4 pixel #77DA9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77DA9C; -webkit-box-shadow:4px 4px  
4px 4px #77DA9C; box-shadow:4px 4px 4px  
4px #77DA9C }
```

Background

The CSS property to change the background color of an element to Hex 77DA9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77DA9C }
```

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

```
.background{ background-color:#77DA9C }
```

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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