

Converting Colors

Hex(78BDA9)

Have a look what the booklet for
Hex(78BDA9) contains.

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Color

Hex(78BDA9)

Conversions

Conversions Part 1

Format	Color
Hex	78BDA9
RGB	120, 189, 169
RGB Percent	47%, 74%, 66%
CMY	0.5294, 0.2588, 0.3373
CMYK	0.37, 0.00, 0.11, 0.26
HSL	163°, 34%, 61%
HSV	163°, 37%, 74%
XYZ	33.1048, 43.2528, 44.1399
YIQ	166.0890, -34.7040, -20.8480

Conversions

Conversions Part 2

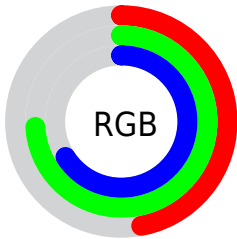
Format	Color
RYB	120, 160, 189
Decimal	7912873
CIELab	71.73, -26.34, 3.23
CIELCh	72, 26.535, 173.004
Yxy	43.2528, 0.2747, 0.3590
Android (android.graphics.Color)	4286102953 (0xFF78BDA9)
YUV	166.0890, 1.4351, -40.4201
Hunter-Lab	65.7669, -25.2414, 6.2439

Details

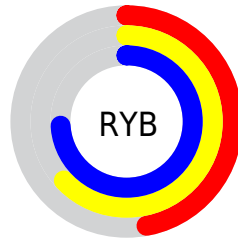
The Hex color **78BDA9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BD788C**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **AFF6E0**, and **438775** is the 20% darker color. If you saturate the color by 10%, you get **65BDA4**, and if you desaturate by 10%, it is **8BBDAE**.

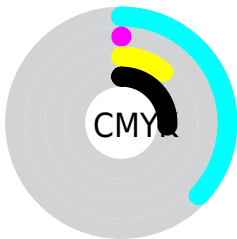
Distribution



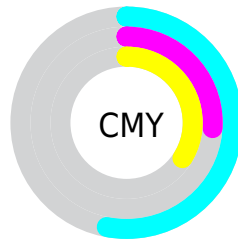
- Red (47%)
- Green (74%)
- Blue (66%)



- Red (47%)
- Yellow (63%)
- Blue (74%)



- Cyan (37%)
- Magenta (0%)
- Yellow (11%)
- Black (26%)



- Cyan (53%)
- Magenta (26%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78BDA9 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 78BDA9 by changing the saturation by 10% instead.

 78BDA9

 78BDA9

FFFFFF

 5DA28F

 AFF6E0

 438775

 CBFFFD

 286E5C

 E8FFFF

 055545

 003D2F

 00271A

 000C00

 000000

 78BDA9

 78BDA9

 65BDA4

 8BBDAE

 52BD9E

 9EBDB4

 3FBD99

 B1BDB9

 2CBD93

 C4BDBF

 19BD8E

 D7BDC4

 07BD88

 E9BDCA

 00BD86

 FCBDCF

 FFBDD5

 FFBDDA

Harmonies

Analogous

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



92BA92



78BDA9



68BDC2

Triad

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



78BDA9



ACACDC



D9A48A

Complementary

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



78BDA9



BD788C

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.



E19F9E



78BDA9



C9A3CD

Square

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



78BDA9



8AB4DF



DC9FB6



C7AC80

Rectangle

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



78BDA9



6ABB00



DC9FB6



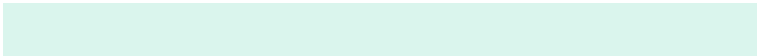
DDA290

Sweetspot

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



78BDA9



DAF5ED



8DBD78



6A7A76



FAFAFA



7A7A7A

Same Dimension

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



78BDA9



89F5D6



78AFBD



555E5C



009E70



001F16

Inverse Universe

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



BD788C



F589A8



BD8678



5E5558



9E002E



1F0009

Previews

White Background



This preview shows how the Hex color 78BDA9 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 78BDA9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

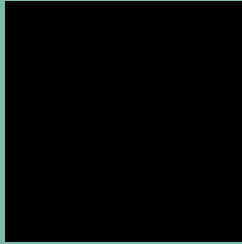
Any Text WCAG AA ✓ Pass

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 78BDA9 Background



This preview shows how black text looks on a background with the Hex color 78BDA9.



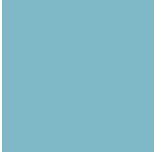
This preview shows how white text looks on a background with the Hex color 78BDA9.

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](#).

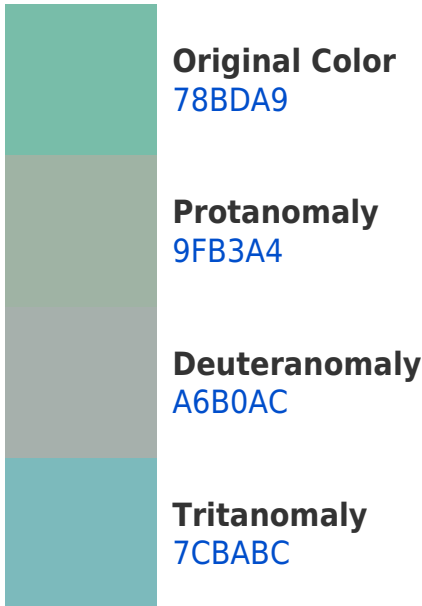
Dichromacy



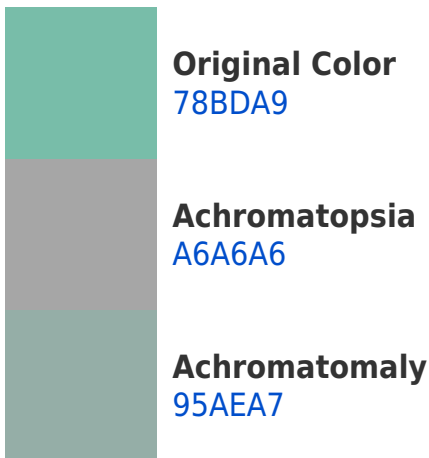


Tritanopia
7FB9C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78BDA9 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 #78BDA9 looks like.

```
.text, #text, p{  
    color:#78BDA9  
}
```

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 #78BDA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78BDA9
}
```

Border

The CSS property to change the border of an element to Hex 78BDA9 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
#78BDA9 }
```

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

```
.border{ border-color:#78BDA9 }
```

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

Here you see how a box with a 4 pixel #78BDA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78BDA9; -webkit-box-shadow:4px 4px  
4px 4px #78BDA9; box-shadow:4px 4px 4px  
4px #78BDA9 }
```

Background

The CSS property to change the background color of an element to Hex 78BDA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78BDA9 }
```

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

```
.background{ background-color:#78BDA9 }
```

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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