

Converting Colors

Hex(78A8B9)

Have a look what the booklet for
Hex(78A8B9) contains.

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Color

Hex(78A8B9)

Conversions

Conversions Part 1

Format	Color
Hex	78A8B9
RGB	120, 168, 185
RGB Percent	47%, 66%, 73%
CMY	0.5294, 0.3412, 0.2745
CMYK	0.35, 0.09, 0.00, 0.27
HSL	196°, 32%, 60%
HSV	196°, 35%, 73%
XYZ	30.5053, 35.5011, 51.1435
YIQ	155.5860, -34.0650, -4.8890

Conversions

Conversions Part 2

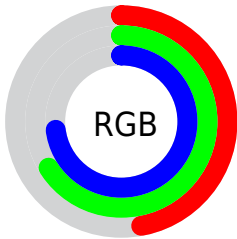
Format	Color
R _Y B	120, 148, 185
Decimal	7907513
CIE Lab	66.14, -11.71, -13.85
CIE LCh	66, 18.136, 229.802
Yxy	35.5011, 0.2604, 0.3030
Android (android.graphics.Color)	4286097593 (0xFF78A8B9)
YUV	155.5860, 14.5011, -31.2089
Hunter-Lab	59.5828, -12.8812, -9.1842

Details

The Hex color **78A8B9** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B98978**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **AEDFF1**, and **447484** is the 20% darker color. If you saturate the color by 10%, you get **66A3B9**, and if you desaturate by 10%, it is **8BADB9**.

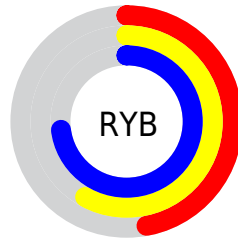
Distribution



Red (47%)

Green (66%)

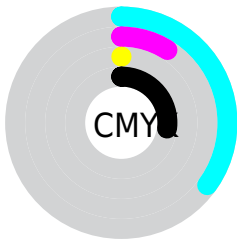
Blue (73%)



Red (47%)

Yellow (58%)

Blue (73%)

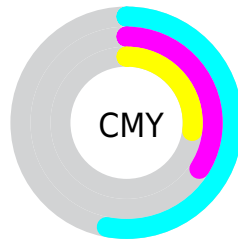


Cyan (35%)

Magenta (9%)

Yellow (0%)

Black (27%)



Cyan (53%)

Magenta (34%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78A8B9 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 78A8B9 by changing the saturation by 10% instead.

 78A8B9

 78A8B9

FFFFFF

 5E8E9E

 AEDFF1

 447484

 CAFCFE

 2A5B6B

 E7FFFF

 0B4452

 002D3B

 001A26

 000110

 000000

 78A8B9

 78A8B9

66A3B9

8BADB9

539EB9

9DB2B9

4199B9

B0B7B9

2E95B9

C2BBB9

1C90B9

D5C0B9

098BB9

E7C5B9

0089B9

FACAB9

FFCFB9

FFD4B9

Harmonies

Analogous

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



75AAAB



78A8B9



87A4C0

Triad

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



78A8B9



BE96A7



A2A382

Complementary

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



78A8B9



B98978

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.



B39E81



78A8B9



C39696

Square

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



78A8B9



B099B6



BF9989



8FA78B

Rectangle

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



78A8B9



95A0C1



BF9989



A8A181

Sweetspot

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



78A8B9



D5E9F0



78B988



687478



F7F7F7



787878

Same Dimension

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



78A8B9



8BD5F0



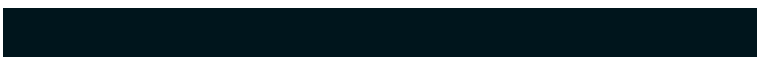
7888B9



53595C



00739C



00151C

Inverse Universe

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



B978A8



F08BD5



B9A978



5C5359



9C0073



1C0015

Previews

White Background



This preview shows how the Hex color 78A8B9 looks on a white background.

Color Contrast Check

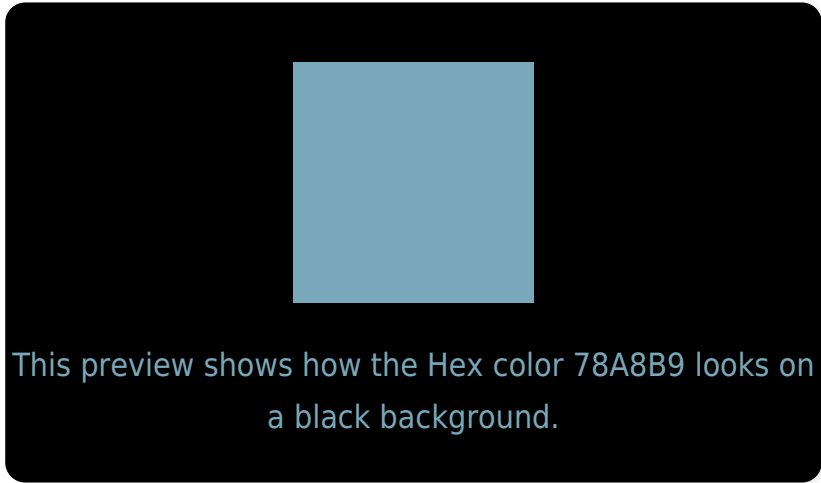
Large Text (above 18pt) WCAG AA × Fail

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

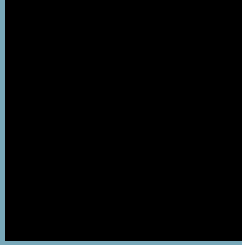
Any Text WCAG AA ✓ Pass

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 78A8B9 Background



This preview shows how black text looks on a background with the Hex color 78A8B9.

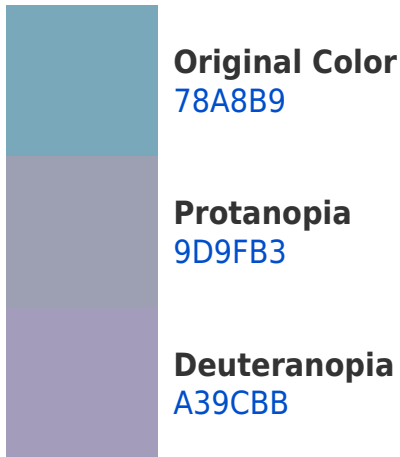


This preview shows how white text looks on a background with the Hex color 78A8B9.

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](#).

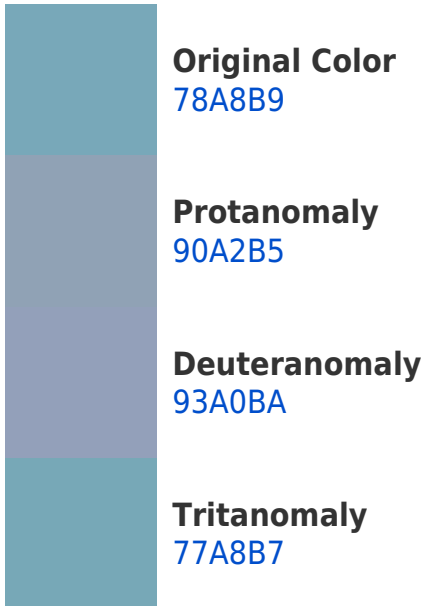
Dichromacy



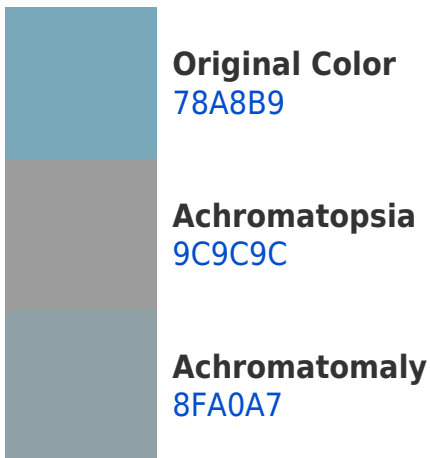


Tritanopia
77A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78A8B9 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 #78A8B9 looks like.

```
.text, #text, p{  
    color:#78A8B9  
}
```

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 #78A8B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78A8B9
}
```

Border

The CSS property to change the border of an element to Hex 78A8B9 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
#78A8B9 }
```

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

```
.border{ border-color:#78A8B9 }
```

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

Here you see how a box with a 4 pixel #78A8B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78A8B9; -webkit-box-shadow:4px 4px  
4px 4px #78A8B9; box-shadow:4px 4px 4px  
4px #78A8B9 }
```

Background

The CSS property to change the background color of an element to Hex 78A8B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78A8B9 }
```

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

```
.background{ background-color:#78A8B9 }
```

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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