

Converting Colors

Hex(78A09A)

Have a look what the booklet for
Hex(78A09A) contains.

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Color

Hex(78A09A)

Conversions

Conversions Part 1

Format	Color
Hex	78A09A
RGB	120, 160, 154
RGB Percent	47%, 63%, 60%
CMY	0.5294, 0.3725, 0.3961
CMYK	0.25, 0.00, 0.04, 0.37
HSL	171°, 17%, 55%
HSV	171°, 25%, 63%
XYZ	26.1493, 31.4678, 35.2675
YIQ	147.3560, -21.9140, -10.3460

Conversions

Conversions Part 2

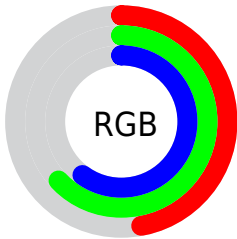
Format	Color
RYB	120, 142, 160
Decimal	7905434
CIELab	62.90, -14.89, -1.32
CIElCh	63, 14.952, 185.052
Yxy	31.4678, 0.2815, 0.3388
Android (android.graphics.Color)	4286095514 (0xFF78A09A)
YUV	147.3560, 3.2755, -23.9912
Hunter-Lab	56.0961, -14.9603, 1.9918

Details

The Hex color **78A09A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A0787E**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **ADD7D0**, and **466C67** is the 20% darker color. If you saturate the color by 10%, you get **68A098**, and if you desaturate by 10%, it is **88A09C**.

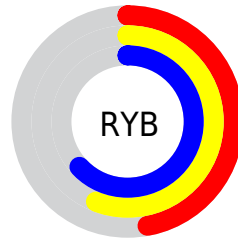
Distribution



Red (47%)

Green (63%)

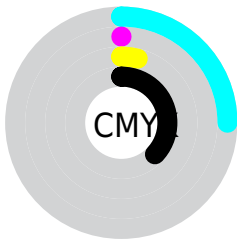
Blue (60%)



Red (47%)

Yellow (56%)

Blue (63%)

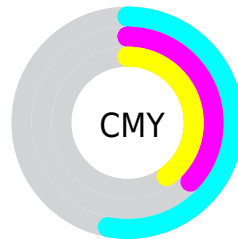


Cyan (25%)

Magenta (0%)

Yellow (4%)

Black (37%)



Cyan (53%)

Magenta (37%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78A09A 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 78A09A by changing the saturation by 10% instead.

 78A09A

 78A09A

FFFFFF

 5F8680

 ADD7D0

 466C67

 C9F3ED

 2E544F

 E5FFFF

 163D38

 002723

 00120D

 000000

 78A09A

 78A09A

 68A098

 88A09C

■ 58A095

■ 98A09F

■ 48A093

■ A8A0A1

■ 38A090

■ B8A0A4

■ 28A08E

■ C8A0A6

■ 18A08C

■ D8A0A8

■ 08A089

■ E8A0AB

■ 00A088

■ F8A0AD

■ FFA0B0

Harmonies

Analogous

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



839F8D



78A09A



759FA7

Triad

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



78A09A



9E94AE



AD9481

Complementary

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



78A09A



A0787E

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.



B39089



78A09A



AC90A4

Square

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



78A09A



8C99B2



B38F96



A0987E

Rectangle

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



78A09A



799EAD



B38F96



B09283

Sweetspot

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



78A09A



C0D1CF



7EA078



5E6967



E8E8E8



696969

Same Dimension

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



78A09A



92D1C8



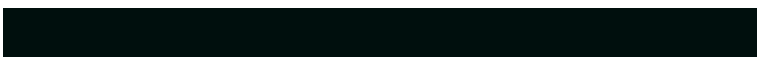
7893A0



474F4E



008F79



000F0D

Inverse Universe

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



A0787E



D1929C



A08678



4F4748



8F0015



0F0002

Previews

White Background



This preview shows how the Hex color 78A09A looks on a white background.

Color Contrast Check

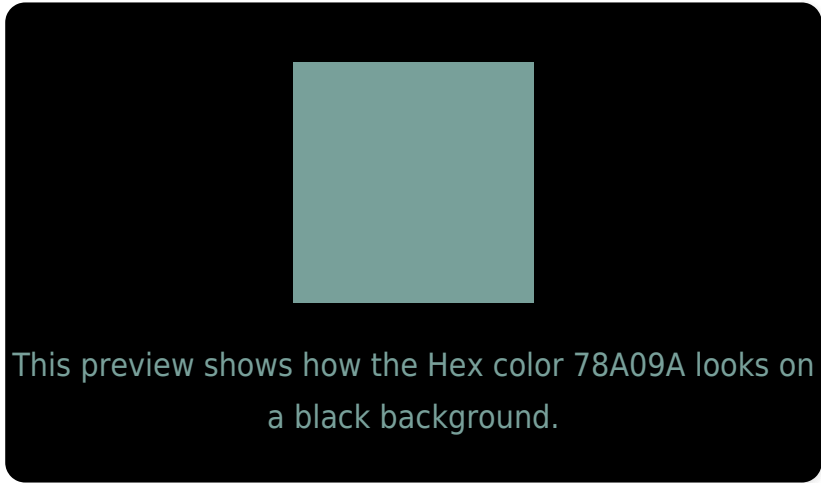
Large Text (above 18pt) WCAG AA × Fail

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

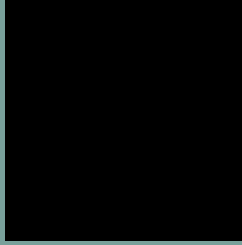
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

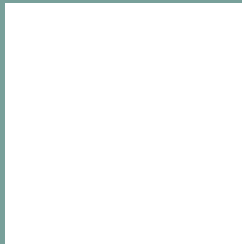
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 78A09A Background



This preview shows how black text looks on a background with the Hex color 78A09A.

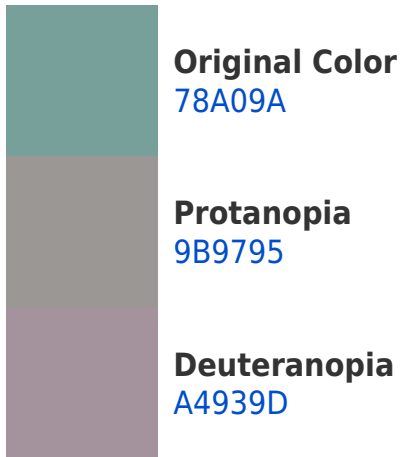


This preview shows how white text looks on a background with the Hex color 78A09A.

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](#).

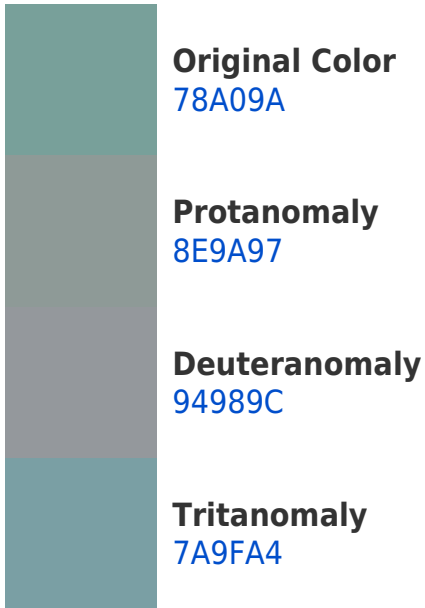
Dichromacy



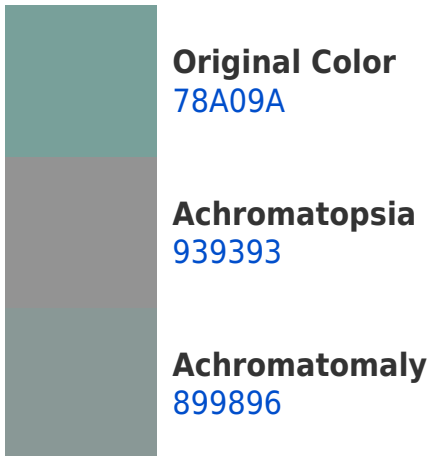


Tritanopia
7B9EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78A09A 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 #78A09A looks like.

```
.text, #text, p{  
    color:#78A09A  
}
```

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 #78A09A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78A09A
}
```

Border

The CSS property to change the border of an element to Hex 78A09A 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
#78A09A }
```

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

```
.border{ border-color:#78A09A }
```

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

Here you see how a box with a 4 pixel #78A09A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78A09A; -webkit-box-shadow:4px 4px  
4px 4px #78A09A; box-shadow:4px 4px 4px  
4px #78A09A }
```

Background

The CSS property to change the background color of an element to Hex 78A09A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78A09A }
```

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

```
.background{ background-color:#78A09A }
```

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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