

Converting Colors

Hex(78A09E)

Have a look what the booklet for
Hex(78A09E) contains.

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Color

Hex(78A09E)

Conversions

Conversions Part 1

Format	Color
Hex	78A09E
RGB	120, 160, 158
RGB Percent	47%, 63%, 62%
CMY	0.5294, 0.3725, 0.3804
CMYK	0.25, 0.00, 0.01, 0.37
HSL	177°, 17%, 55%
HSV	177°, 25%, 63%
XYZ	26.4881, 31.6033, 37.0517
YIQ	147.8120, -23.1980, -9.1020

Conversions

Conversions Part 2

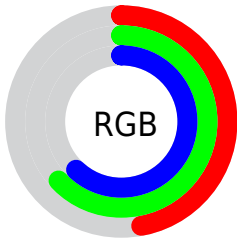
Format	Color
RYB	120, 141, 160
Decimal	7905438
CIELab	63.01, -13.98, -3.40
CIElCh	63, 14.390, 193.666
Yxy	31.6033, 0.2784, 0.3322
Android (android.graphics.Color)	4286095518 (0xFF78A09E)
YUV	147.8120, 5.0227, -24.3911
Hunter-Lab	56.2168, -14.2743, 0.2745

Details

The Hex color **78A09E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A0787A**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **ADD7D5**, and **466C6B** is the 20% darker color. If you saturate the color by 10%, you get **68A09D**, and if you desaturate by 10%, it is **88A09F**.

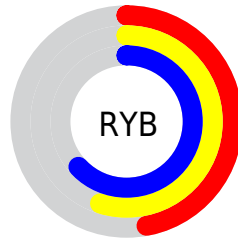
Distribution



Red (47%)

Green (63%)

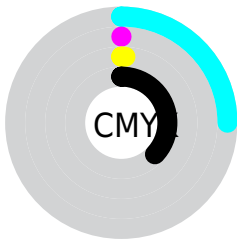
Blue (62%)



Red (47%)

Yellow (55%)

Blue (63%)

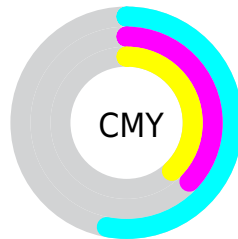


Cyan (25%)

Magenta (0%)

Yellow (1%)

Black (37%)



Cyan (53%)


Magenta (37%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78A09E 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 78A09E by changing the saturation by 10% instead.

 78A09E

 78A09E

FFFFFF

 5F8684

 ADD7D5

 466C6B

 C9F3F1

 2E5453

 E5FFFF

 163D3C

 002726

 001311

 000000

 78A09E

 78A09E

 68A09D

 88A09F

58A09C

98A0A0

48A09C

A8A0A0

38A09B

B8A0A1

28A09A

C8A0A2

18A099

D8A0A3

08A098

E8A0A4

00A098

F8A0A4

FFA0A5

Harmonies

Analogous

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



809F91



78A09E



789FAA

Triad

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



78A09E



A293AB



A99580

Complementary

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



78A09E



A0787A

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.



B29287



78A09E



AE90A0

Square

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



78A09E



9298B1



B39093



9C9980

Rectangle

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



78A09E



7E9DAF



B39093



AD9482

Sweetspot

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



78A09E



C0D1D0



7AA078



5E6968



E8E8E8



696969

Same Dimension

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



78A09E



92D1CE



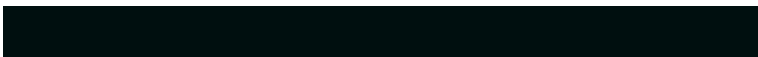
788EA0



474F4F



008F88



000F0F

Inverse Universe

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



A0787A



D19296



A08A78



4F4748



8F0007



0F0001

Previews

White Background



This preview shows how the Hex color 78A09E looks on a white background.

Color Contrast Check

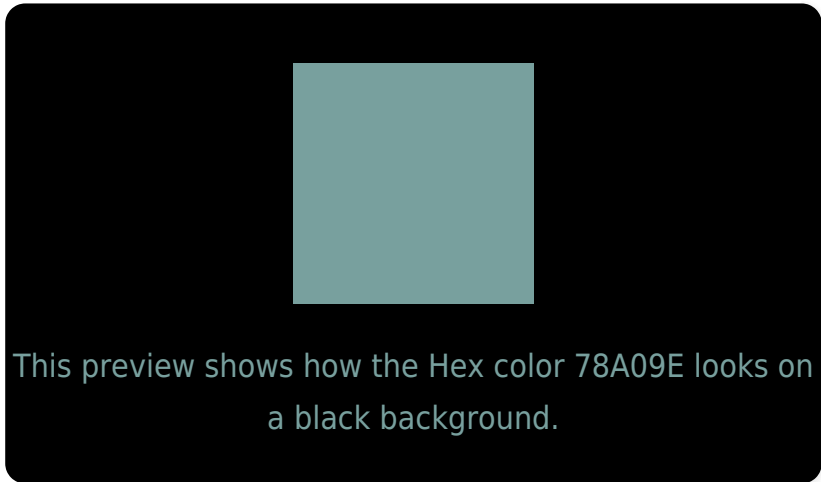
Large Text (above 18pt) WCAG AA × Fail

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

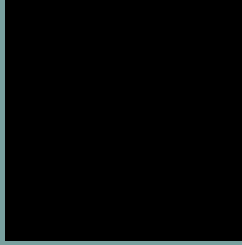
Any Text WCAG AA ✓ Pass

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 78A09E Background



This preview shows how black text looks on a background with the Hex color 78A09E.

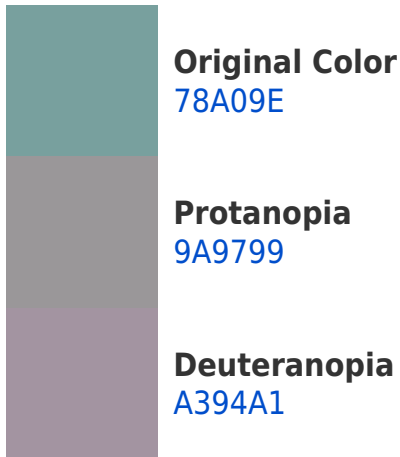


This preview shows how white text looks on a background with the Hex color 78A09E.

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](#).

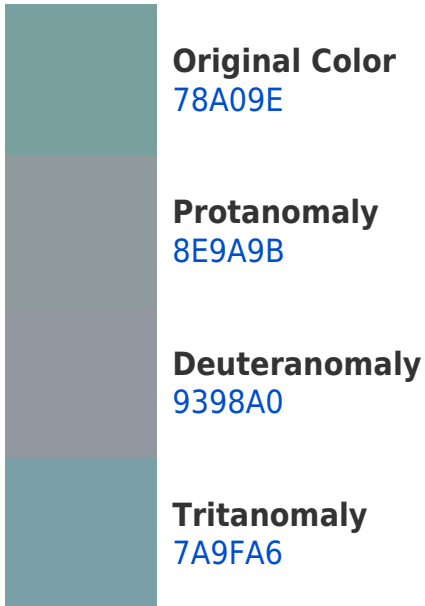
Dichromacy



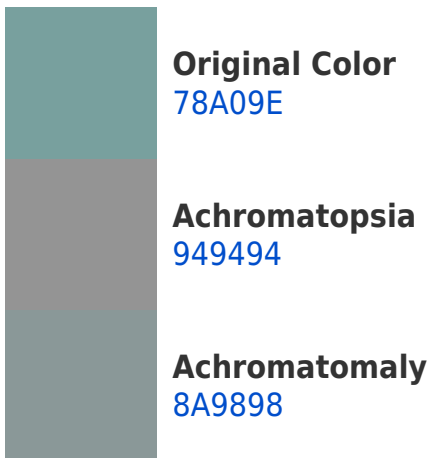


Tritanopia
7B9EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78A09E 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 #78A09E looks like.

```
.text, #text, p{  
    color:#78A09E  
}
```

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 #78A09E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78A09E
}
```

Border

The CSS property to change the border of an element to Hex 78A09E 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
#78A09E }
```

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

```
.border{ border-color:#78A09E }
```

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

Here you see how a box with a 4 pixel #78A09E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78A09E; -webkit-box-shadow:4px 4px  
4px 4px #78A09E; box-shadow:4px 4px 4px  
4px #78A09E }
```

Background

The CSS property to change the background color of an element to Hex 78A09E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78A09E }
```

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

```
.background{ background-color:#78A09E }
```

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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