

Converting Colors

Hex(78A19E)

Have a look what the booklet for
Hex(78A19E) contains.

Hex(78A19E)	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(78A19E)

Conversions

Conversions Part 1

Format	Color
Hex	78A19E
RGB	120, 161, 158
RGB Percent	47%, 63%, 62%
CMY	0.5294, 0.3686, 0.3804
CMYK	0.25, 0.00, 0.02, 0.37
HSL	176°, 18%, 55%
HSV	176°, 25%, 63%
XYZ	26.6622, 31.9514, 37.1097
YIQ	148.3990, -23.4730, -9.6250

Conversions

Conversions Part 2

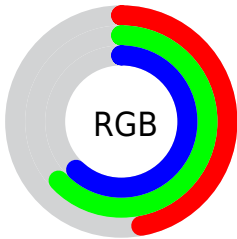
Format	Color
RYB	120, 141, 161
Decimal	7905694
CIELab	63.30, -14.51, -2.97
CIELCh	63, 14.816, 191.580
Yxy	31.9514, 0.2785, 0.3338
Android (android.graphics.Color)	4286095774 (0xFF78A19E)
YUV	148.3990, 4.7333, -24.9059
Hunter-Lab	56.5256, -14.7244, 0.6433

Details

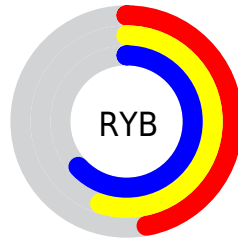
The Hex color **78A19E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A1787B**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **ADD8D5**, and **466D6B** is the 20% darker color. If you saturate the color by 10%, you get **68A19D**, and if you desaturate by 10%, it is **88A19F**.

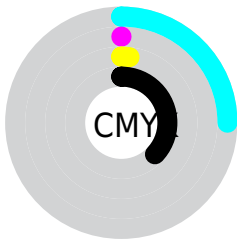
Distribution



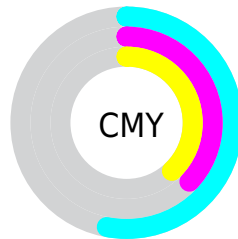
- Red (47%)
- Green (63%)
- Blue (62%)



- Red (47%)
- Yellow (55%)
- Blue (63%)



- Cyan (25%)
- Magenta (0%)
- Yellow (2%)
- Black (37%)



- Cyan (53%)
- Magenta (37%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78A19E 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 78A19E by changing the saturation by 10% instead.

 78A19E

 78A19E

FFFFFF

 5F8784

 ADD8D5

 466D6B

 C9F4F1

 2E5553

 E5FFFF

 163E3C

 002826

 001411

 000000

 78A19E

 78A19E

 68A19D

 88A19F

■ 58A19C

■ 98A1A0

■ 48A19A

■ A8A1A2

■ 38A199

■ B8A1A3

■ 28A198

■ C9A1A4

■ 17A197

■ D9A1A5

■ 07A196

■ E9A1A6

■ 00A195

■ F9A1A7

■ FFA1A9

Harmonies

Analogous

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



81A090



78A19E



78A0AA

Triad

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



78A19E



A294AD



AB9681

Complementary

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



78A19E



A1787B

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.



B39288



78A19E



AF91A2

Square

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



78A19E



9199B3



B59094



9E9A7F

Rectangle

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



78A19E



7D9EB0



B59094



AF9483

Sweetspot

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



78A19E



C0D1D0



7BA178



5E6968



E8E8E8



696969

Same Dimension

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



78A19E



90D1CC



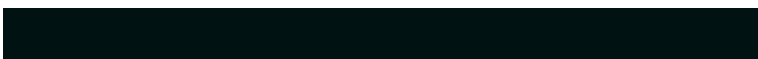
7890A1



495251



009187



001211

Inverse Universe

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



A1787B



D19095



A18978



52494A



91000B



120001

Previews

White Background



This preview shows how the Hex color 78A19E looks on a white background.

Color Contrast Check

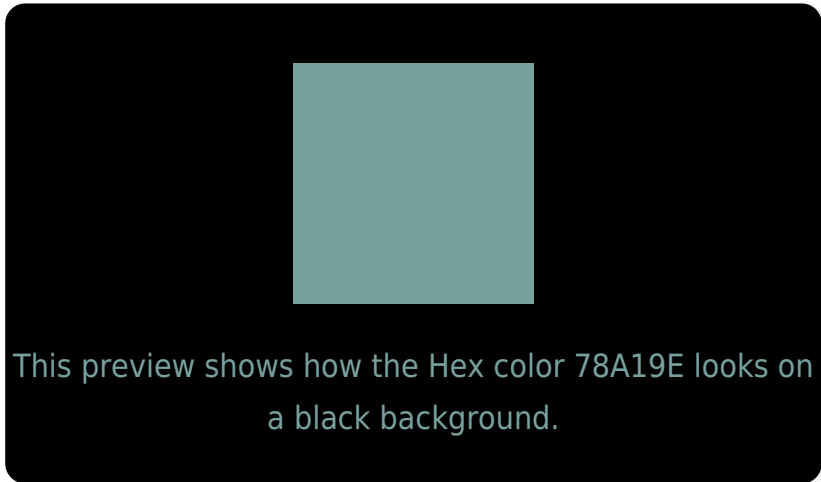
Large Text (above 18pt) WCAG AA × Fail

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

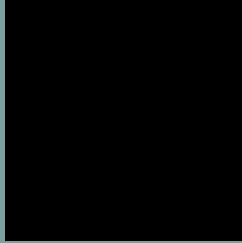
Any Text WCAG AA ✓ Pass

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 78A19E Background



This preview shows how black text looks on a background with the Hex color 78A19E.

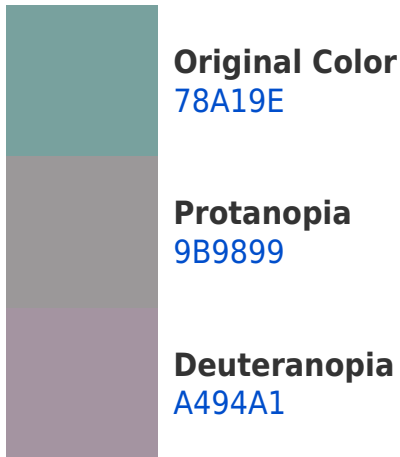


This preview shows how white text looks on a background with the Hex color 78A19E.

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](#).

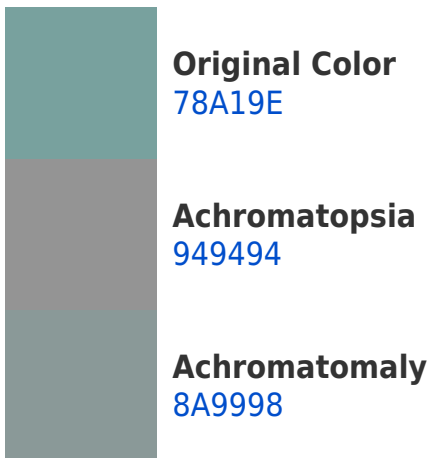
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78A19E 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 #78A19E looks like.

```
.text, #text, p{  
    color:#78A19E  
}
```

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 #78A19E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78A19E
}
```

Border

The CSS property to change the border of an element to Hex 78A19E 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
#78A19E }
```

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

```
.border{ border-color:#78A19E }
```

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

Here you see how a box with a 4 pixel #78A19E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78A19E; -webkit-box-shadow:4px 4px  
4px 4px #78A19E; box-shadow:4px 4px 4px  
4px #78A19E }
```

Background

The CSS property to change the background color of an element to Hex 78A19E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78A19E }
```

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

```
.background{ background-color:#78A19E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor