

Converting Colors

Hex(17789A)

Have a look what the booklet for
Hex(17789A) contains.

Hex(17789A)	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(17789A)

Conversions

Conversions Part 1

Format	Color
Hex	17789A
RGB	23, 120, 154
RGB Percent	9%, 47%, 60%
CMY	0.9098, 0.5294, 0.3961
CMYK	0.85, 0.22, 0.00, 0.40
HSL	196°, 74%, 35%
HSV	196°, 85%, 60%
XYZ	12.9026, 15.9482, 32.9701
YIQ	94.8730, -68.7260, -9.9900

Conversions

Conversions Part 2

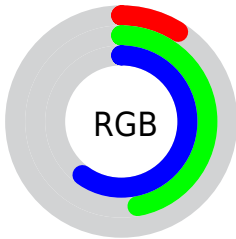
Format	Color
RYB	23, 79, 154
Decimal	1538202
CIELab	46.91, -14.18, -25.84
CIElCh	47, 29.477, 241.249
Yxy	15.9482, 0.2087, 0.2580
Android (android.graphics.Color)	4279728282 (0xFF17789A)
YUV	94.8730, 29.1496, -63.0326
Hunter-Lab	39.9352, -12.2155, -20.9946

Details

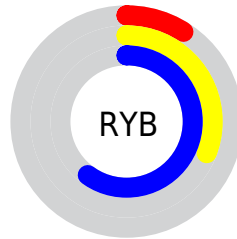
The Hex color **17789A** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9A3917**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5DACD1**, and **004767** is the 20% darker color. If you saturate the color by 10%, you get **08749A**, and if you desaturate by 10%, it is **267C9A**.

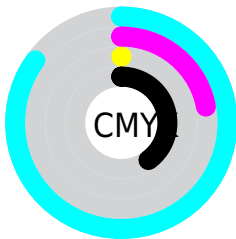
Distribution



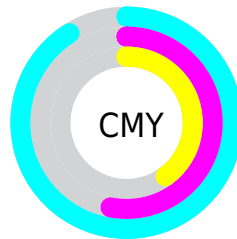
- Red (9%)
- Green (47%)
- Blue (60%)



- Red (9%)
- Yellow (31%)
- Blue (60%)



- Cyan (85%)
- Magenta (22%)
- Yellow (0%)
- Black (40%)



- Cyan (91%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17789A 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 17789A by changing the saturation by 10% instead.

■ 17789A

■ 17789A

FFFFFF

■ 005F80

■ 5DACD1

■ 004767

■ 7AC8ED

■ 00314F

■ 97E4FF

■ 001D37

■ B4FFFF

■ 000222

■ D1FFFF

■ 000008

■ EFFFFFF

■ 000000

■ 17789A

■ 17789A

■ 08749A

■ 267C9A

00729A

36809A

45849A

55889A

648C9A

73909A

83949A

92989A

A29C9A

Harmonies

Analogous

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



007C88



17789A



4C71A0

Triad

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



17789A



9D5C6F



647544

Complementary

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



17789A



9A3917

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.



7E6E3D



17789A



9E5E57

Square

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



17789A



8F6087



926544



467A57

Rectangle

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



17789A



676B9D



926544



6D7340

Sweetspot

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



17789A



95BCC9



179A38



465E66



E6E6E6



666666

Same Dimension

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



17789A



0095C9



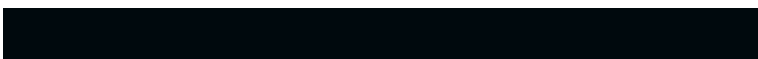
17389A



454B4D



00688C



00090D

Inverse Universe

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



9A1778



C90095



9A7917



4D454B



8C0068



0D0009

Previews

White Background



This preview shows how the Hex color 17789A looks on a white background.

Color Contrast Check

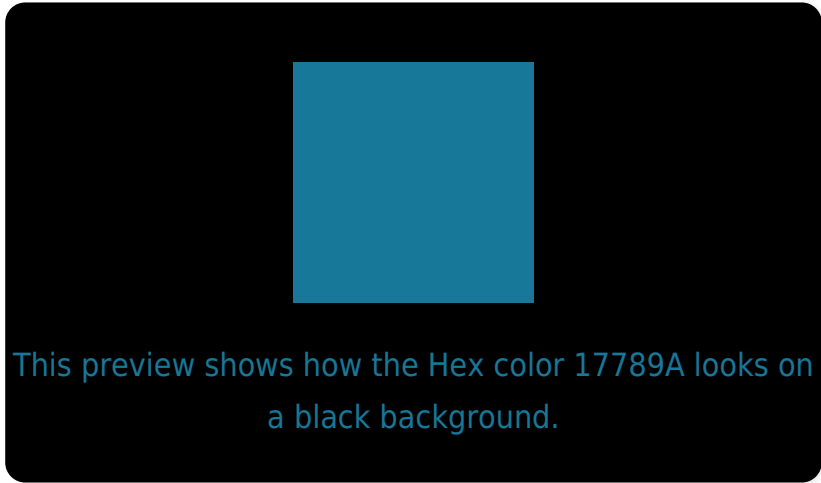
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

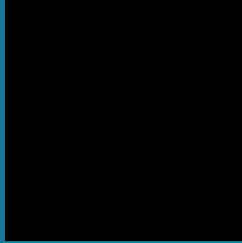
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 17789A Background



This preview shows how black text looks on a background with the Hex color 17789A.

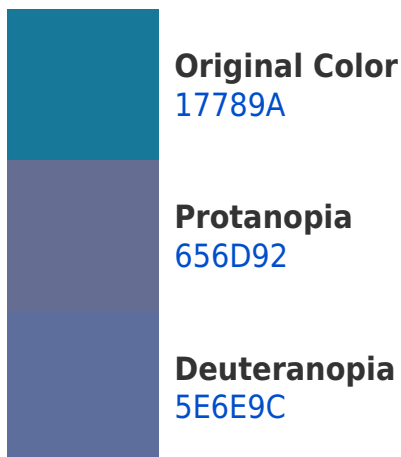


This preview shows how white text looks on a background with the Hex color 17789A.

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](#).

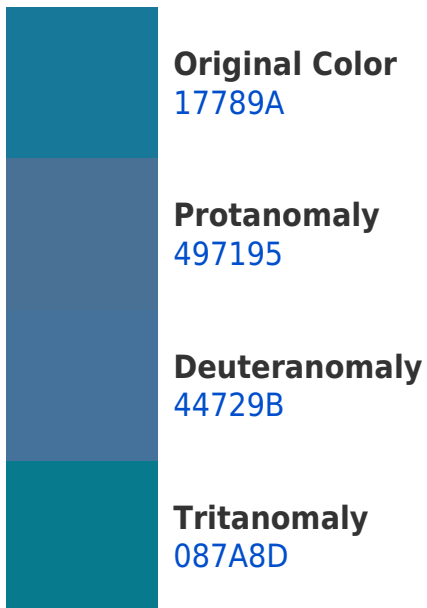
Dichromacy



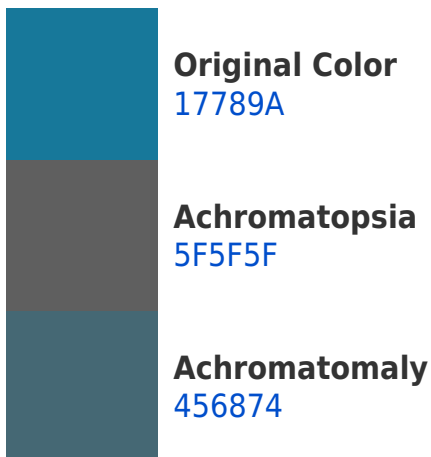


Tritanopia
007B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 17789A 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 #17789A looks like.

```
.text, #text, p{  
    color:#17789A  
}
```

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 #17789A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17789A
}
```

Border

The CSS property to change the border of an element to Hex 17789A 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
#17789A }
```

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

```
.border{ border-color:#17789A }
```

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

Here you see how a box with a 4 pixel #17789A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17789A; -webkit-box-shadow:4px 4px  
4px 4px #17789A; box-shadow:4px 4px 4px  
4px #17789A }
```

Background

The CSS property to change the background color of an element to Hex 17789A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17789A }
```

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

```
.background{ background-color:#17789A }
```

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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