

Converting Colors

Hex(7893AD)

Have a look what the booklet for
Hex(7893AD) contains.

Hex(7893AD)	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(7893AD)

Conversions

Conversions Part 1

Format	Color
Hex	7893AD
RGB	120, 147, 173
RGB Percent	47%, 58%, 68%
CMY	0.5294, 0.4235, 0.3216
CMYK	0.31, 0.15, 0.00, 0.32
HSL	209°, 24%, 57%
HSV	209°, 31%, 68%
XYZ	25.7223, 27.8776, 43.5604
YIQ	141.8910, -24.4380, 2.3620

Conversions

Conversions Part 2

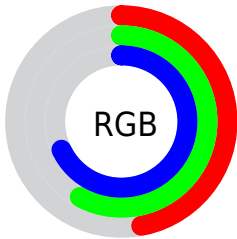
Format	Color
R_{YB}	120, 138, 173
Decimal	7902125
CIE _{Lab}	59.78, -3.21, -16.72
CIE _{LCh}	60, 17.024, 259.116
Yxy	27.8776, 0.2647, 0.2869
Android (android.graphics.Color)	4286092205 (0xFF7893AD)
YUV	141.8910, 15.3367, -19.1984
Hunter-Lab	52.7993, -5.4387, -11.9558

Details

The Hex color **7893AD** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AD9278**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **ADC9E4**, and **456179** is the 20% darker color. If you saturate the color by 10%, you get **678BAD**, and if you desaturate by 10%, it is **899BAD**.

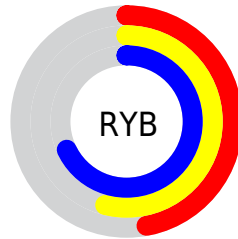
Distribution



Red (47%)

Green (58%)

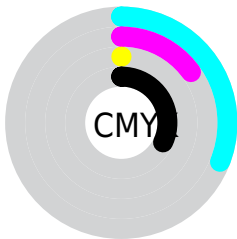
Blue (68%)



Red (47%)

Yellow (54%)

Blue (68%)

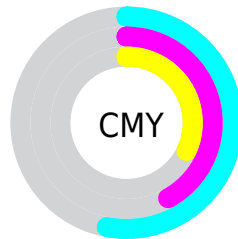


Cyan (31%)

Magenta (15%)

Yellow (0%)

Black (32%)



Cyan (53%)

Magenta (42%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7893AD 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 7893AD by changing the saturation by 10% instead.

■ 7893AD

■ 7893AD

FFFFFF

■ 5E7992

■ ADC9E4

■ 456179

■ C9E5FF

■ 2D4960

■ E6FFFF

■ 143248

■ 001D31

■ 00021D

■ 000000

■ 7893AD

■ 7893AD

■ 678BAD

■ 899BAD

■ 5582AD

■ 9BA4AD

■ 447AAD

■ ACACAD

■ 3371AD

■ BDB5AD

■ 2169AD

■ CEBDAD

■ 1060AD

■ E0C6AD

■ 0058AD

■ F1CEAD

■ FFD7AD

■ FFDFAD

Harmonies

Analogous

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



6A97A6



7893AD



8C8EAC

Triad

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



7893AD



AF8687



80967C

Complementary

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



7893AD



AD9278

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.



919274



7893AD



AC897A

Square

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



7893AD



AB8696



A18D73



71988A

Rectangle

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



7893AD



988BA7



A18D73



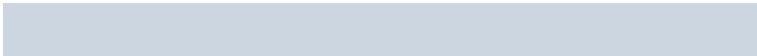
869579

Sweetspot

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



7893AD



CCD6E0



78AD92



646A70



F0F0F0



707070

Same Dimension

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



7893AD



8DB8E0



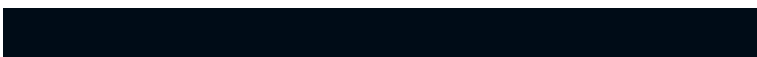
7879AD



4E5257



004D96



000C17

Inverse Universe

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



AD7893



E08DB8



ADAC78



574E52



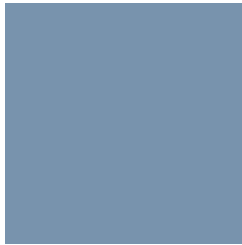
96004D



17000C

Previews

White Background



This preview shows how the Hex color 7893AD looks on a white background.

Color Contrast Check

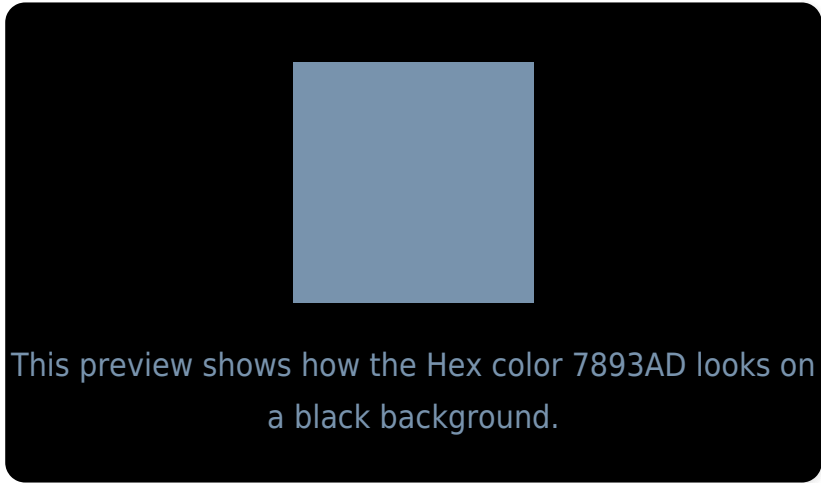
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

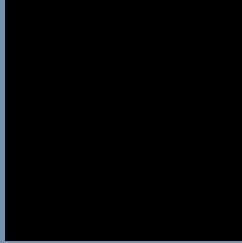
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

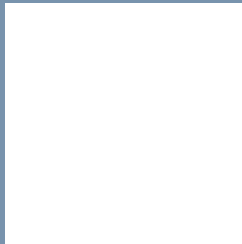
Any Text WCAG AAA × Fail

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

Hex 7893AD Background



This preview shows how black text looks on a background with the Hex color 7893AD.



This preview shows how white text looks on a background with the Hex color 7893AD.

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](#).

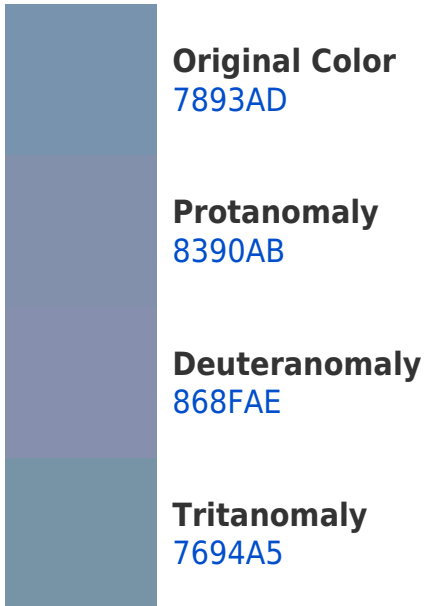
Dichromacy





Tritanopia
7595A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7893AD 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 #7893AD looks like.

```
.text, #text, p{  
    color:#7893AD  
}
```

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 #7893AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7893AD
}
```

Border

The CSS property to change the border of an element to Hex 7893AD 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
#7893AD }
```

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

```
.border{ border-color:#7893AD }
```

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

Here you see how a box with a 4 pixel #7893AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7893AD; -webkit-box-shadow:4px 4px  
4px 4px #7893AD; box-shadow:4px 4px 4px  
4px #7893AD }
```

Background

The CSS property to change the background color of an element to Hex 7893AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7893AD }
```

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

```
.background{ background-color:#7893AD }
```

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