

Converting Colors

Hex(7896A2)

Have a look what the booklet for
Hex(7896A2) contains.

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Color

Hex(7896A2)

Conversions

Conversions Part 1

Format	Color
Hex	7896A2
RGB	120, 150, 162
RGB Percent	47%, 59%, 64%
CMY	0.5294, 0.4118, 0.3647
CMYK	0.26, 0.07, 0.00, 0.36
HSL	197°, 18%, 55%
HSV	197°, 26%, 64%
XYZ	25.1737, 28.4144, 38.3402
YIQ	142.3980, -21.7320, -2.6280

Conversions

Conversions Part 2

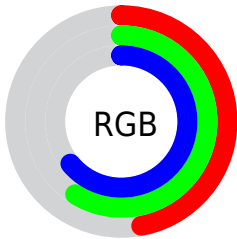
Format	Color
R_{YB}	120, 138, 162
Decimal	7902882
CIE Lab	60.26, -7.61, -9.75
CIE LCh	60, 12.367, 232.003
Yxy	28.4144, 0.2738, 0.3091
Android (android.graphics.Color)	4286092962 (0xFF7896A2)
YUV	142.3980, 9.6638, -19.6430
Hunter-Lab	53.3052, -8.9864, -5.3312

Details

The Hex color **7896A2** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A28478**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **ADCCD9**, and **46636E** is the 20% darker color. If you saturate the color by 10%, you get **6891A2**, and if you desaturate by 10%, it is **889BA2**.

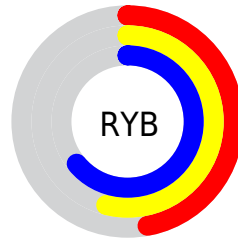
Distribution



Red (47%)

Green (59%)

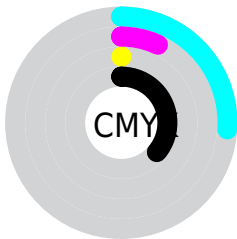
Blue (64%)



Red (47%)

Yellow (54%)

Blue (64%)

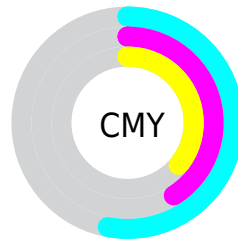


Cyan (26%)

Magenta (7%)

Yellow (0%)

Black (36%)



Cyan (53%)

Magenta (41%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7896A2 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 7896A2 by changing the saturation by 10% instead.

■ 7896A2

■ 7896A2

FFFFFF

■ 5F7C88

■ ADCCD9

■ 46636E

■ C9E8F5

■ 2E4B56

■ E5FFFF

■ 17353F

■ 001F29

■ 000315

■ 000000

■ 7896A2

■ 7896A2

■ 6891A2

■ 889BA2

■ 588DA2

■ 989FA2

■ 4788A2

■ A9A4A2

■ 3783A2

■ B9A9A2

■ 277FA2

■ C9ADA2

■ 177AA2

■ D9B2A2

■ 0776A2

■ E9B6A2

■ 0074A2

■ FABBA2

■ FFC0A2

Harmonies

Analogous

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



759899



7896A2



8293A7

Triad

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



7896A2



A68A95



91937D

Complementary

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



7896A2



A28478

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.



9D8F7C



7896A2



A98A8A

Square

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



7896A2



9D8C9F



A58C81



859684

Rectangle

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



7896A2



8B91A6



A58C81



95927C

Sweetspot

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



7896A2



C3CFD4



78A284



60686B



EBEBEB



6B6B6B

Same Dimension

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



7896A2



92C1D4



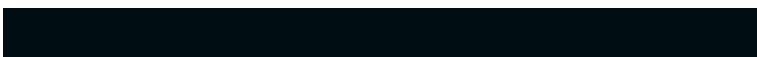
7881A2



494F52



006891



000D12

Inverse Universe

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



A27896



D492C1



A29978



52494F



910068



12000D

Previews

White Background



This preview shows how the Hex color 7896A2 looks on a white background.

Color Contrast Check

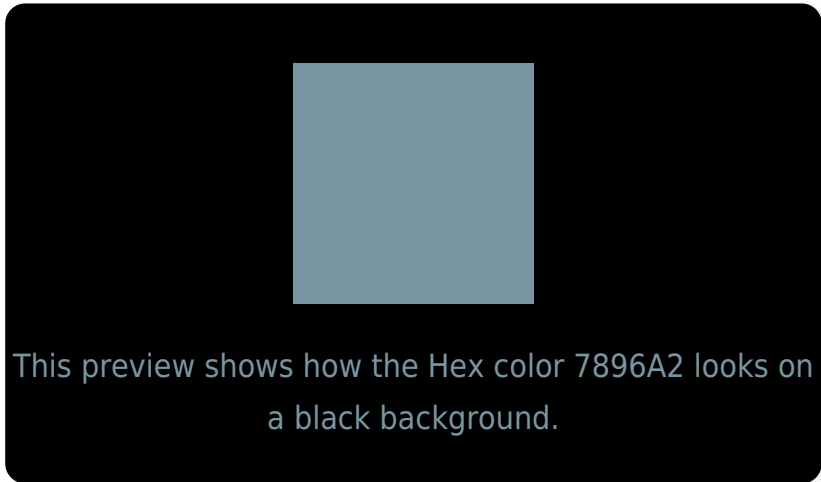
Large Text (above 18pt) WCAG AA ✓ Pass

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

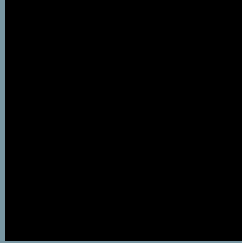
Any Text WCAG AA ✓ Pass

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 7896A2 Background



This preview shows how black text looks on a background with the Hex color 7896A2.

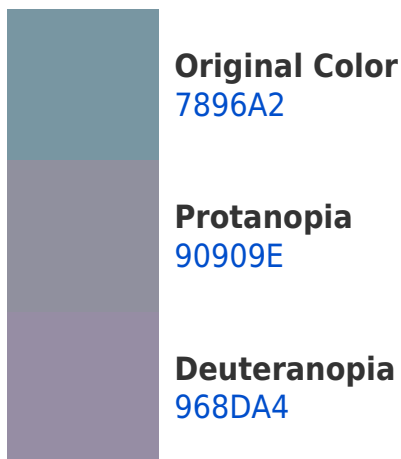


This preview shows how white text looks on a background with the Hex color 7896A2.

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](#).

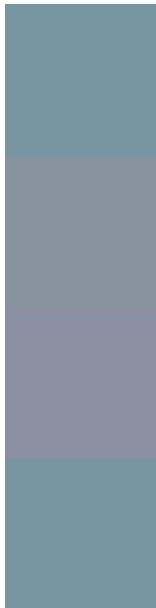
Dichromacy





Tritanopia
7896A2

Trichromacy



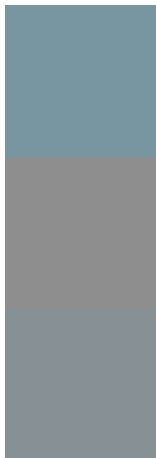
Original Color
7896A2

Protanomaly
87929F

Deuteranomaly
8B90A3

Tritanomaly
7896A2

Monochromacy



Original Color
7896A2

Achromatopsia
8E8E8E

Achromatomaly
869195

CSS Examples

Text

The CSS property to change the color of the text to Hex 7896A2 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 #7896A2 looks like.

```
.text, #text, p{  
    color:#7896A2  
}
```

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 #7896A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7896A2
}
```

Border

The CSS property to change the border of an element to Hex 7896A2 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
#7896A2 }
```

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

```
.border{ border-color:#7896A2 }
```

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

Here you see how a box with a 4 pixel #7896A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7896A2; -webkit-box-shadow:4px 4px  
4px 4px #7896A2; box-shadow:4px 4px 4px  
4px #7896A2 }
```

Background

The CSS property to change the background color of an element to Hex 7896A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7896A2 }
```

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

```
.background{ background-color:#7896A2 }
```

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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