

# Converting Colors

Hex(788EA0)

Have a look what the booklet for  
Hex(788EA0) contains.

<b>Hex(788EA0)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(788EA0)

# Conversions

## Conversions Part 1

Format	Color
Hex	788EA0
RGB	120, 142, 160
RGB Percent	47%, 56%, 63%
CMY	0.5294, 0.4431, 0.3725
CMYK	0.25, 0.11, 0.00, 0.37
HSL	207°, 17%, 55%
HSV	207°, 25%, 63%
XYZ	23.7639, 25.8771, 37.0000
YIQ	137.4740, -18.8900, 0.9340

# Conversions

## Conversions Part 2

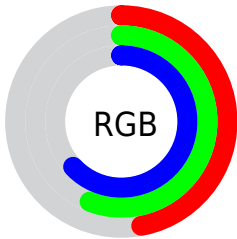
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 134, 160
Decimal	7900832
CIE Lab	57.92, -3.63, -12.12
CIE LCh	58, 12.649, 253.314
Yxy	25.8771, 0.2743, 0.2987
Android (android.graphics.Color)	4286090912 (0xFF788EA0)
YUV	137.4740, 11.1053, -15.3247
Hunter-Lab	50.8696, -5.6349, -7.5159

# Details

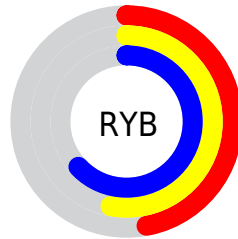
The Hex color **788EA0** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **A08A78**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **ADC4D7**, and **465C6D** is the 20% darker color. If you saturate the color by 10%, you get **6887A0**, and if you desaturate by 10%, it is **8895A0**.

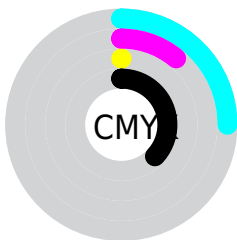
# Distribution



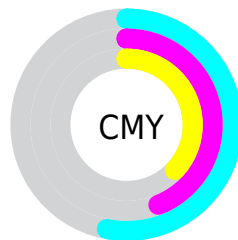
- Red (47%)
- Green (56%)
- Blue (63%)



- Red (47%)
- Yellow (53%)
- Blue (63%)



- Cyan (25%)
- Magenta (11%)
- Yellow (0%)
- Black (37%)



- Cyan (53%)
- Magenta (44%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 788EA0 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 788EA0 by changing the saturation by 10% instead.



■ 788EA0

■ 788EA0

FFFFFF

■ 5F7486

■ ADC4D7

■ 465C6D

■ C9E0F3

■ 2F4454

■ E5FCFF

■ 182E3D

■ 011A27

■ 000113

■ 000000

■ 788EA0

■ 788EA0

■ 6887A0

■ 8895A0

■ 5880A0

■ 989CA0

■ 4878A0

■ A8A4A0

■ 3871A0

■ B8ABA0

■ 286AA0

■ C8B2A0

■ 1863A0

■ D8B9A0

■ 085CA0

■ E8C0A0

■ 0058A0

■ F8C8A0

■ FFCFA0

# Harmonies

## Analogous

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



70919A



788EA0



858AA1

# Triad

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



788EA0



A38487



828F7B

# Complementary

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



788EA0



A08A78

# 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.



8F8C76



788EA0



A1857C

# Square

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



788EA0



9E8492



9A8876



779184

# Rectangle

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



788EA0



8F889E



9A8876



868E79



# Sweetspot

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



788EA0



C0CAD1



78A08A



5E6469



E8E8E8



696969



# Same Dimension

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



788EA0



92B5D1



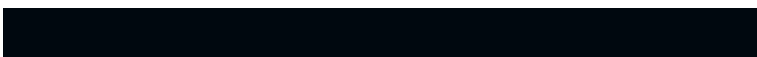
787BA0



474B4F



004F8F



00080F



# Inverse Universe

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



A0788E



D192B5



A09E78



4F474B



8F004F

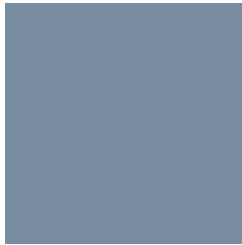


0F0008



# Previews

## White Background



This preview shows how the Hex color 788EA0 looks on a white background.

## Color Contrast Check

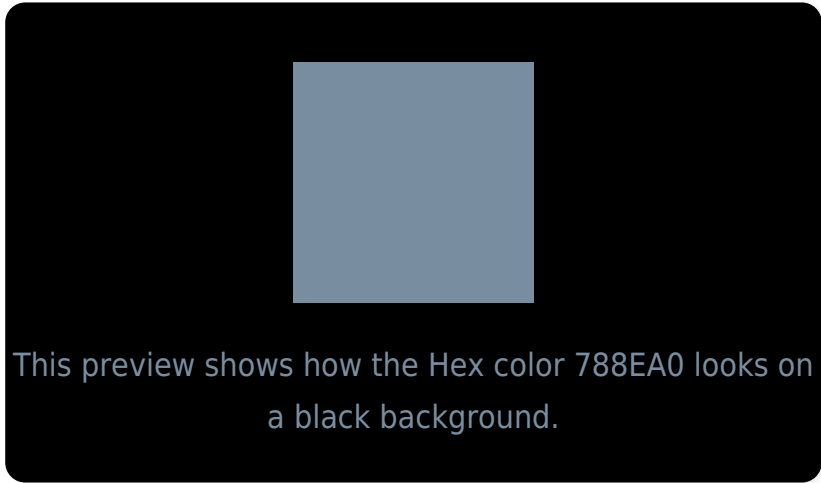
Large Text (above 18pt) WCAG AA ✓ Pass

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

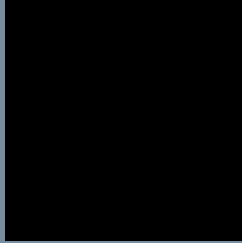
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

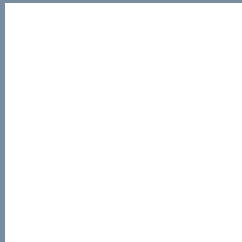
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 788EA0 Background



This preview shows how black text looks on a background with the Hex color 788EA0.

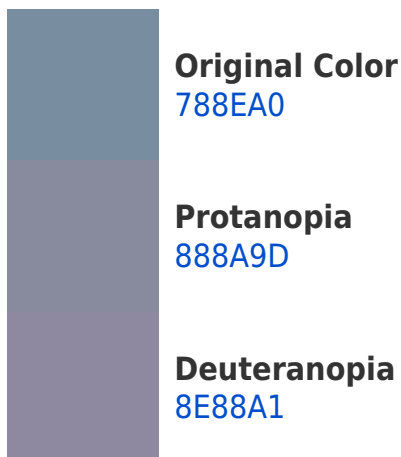


This preview shows how white text looks on a background with the Hex color 788EA0.

# 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](#).

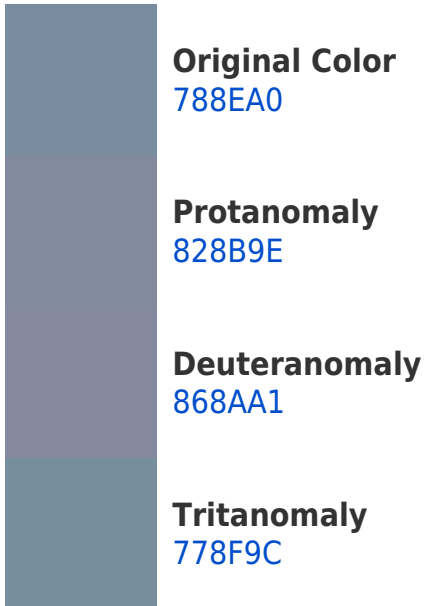
## Dichromacy



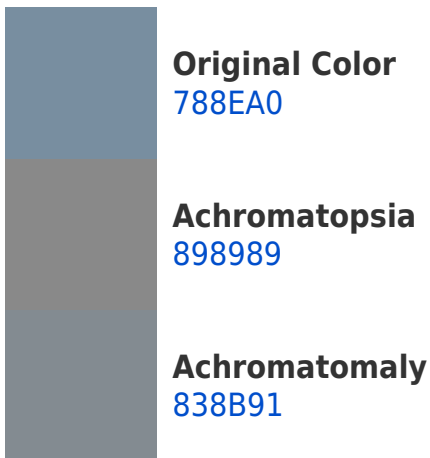


**Tritanopia**  
778F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 788EA0 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 #788EA0 looks like.

```
.text, #text, p{  
    color:#788EA0  
}
```

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 #788EA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #788EA0  
}
```

## Border

The CSS property to change the border of an element to Hex 788EA0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

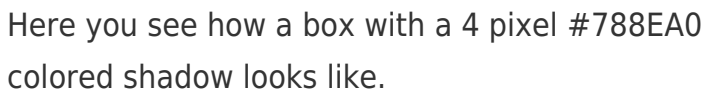
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#788EA0 }
```

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

```
.border{ border-color:#788EA0 }
```

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



Here you see how a box with a 4 pixel #788EA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #788EA0; -webkit-box-shadow:4px 4px  
4px 4px #788EA0; box-shadow:4px 4px 4px  
4px #788EA0 }
```

# Background

The CSS property to change the background color of an element to Hex 788EA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#788EA0 }
```

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

```
.background{ background-color:#788EA0 }
```

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