

# Converting Colors

Hex(6798A5)

Have a look what the booklet for  
Hex(6798A5) contains.

<b>Hex(6798A5)</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(6798A5)

# Conversions

## Conversions Part 1

Format	Color
Hex	6798A5
RGB	103, 152, 165
RGB Percent	40%, 60%, 65%
CMY	0.5961, 0.4039, 0.3529
CMYK	0.38, 0.08, 0.00, 0.35
HSL	193°, 26%, 53%
HSV	193°, 38%, 65%
XYZ	23.6133, 28.0566, 39.7682
YIQ	138.8310, -33.3770, -6.3450

# Conversions

## Conversions Part 2

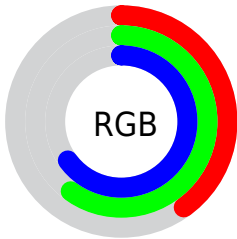
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">103, 130, 165</a>
Decimal	<a href="#">6789285</a>
CIELab	<a href="#">59.94, -13.00, -12.03</a>
CIElCh	<a href="#">60, 17.716, 222.775</a>
Yxy	<a href="#">28.0566, 0.2582, 0.3068</a>
Android (android.graphics.Color)	<a href="#">4284979365</a> ( <a href="#">0xFF6798A5</a> )
YUV	<a href="#">138.8310, 12.9013, -31.4238</a>
Hunter-Lab	<a href="#">52.9685, -13.1199, -7.4364</a>

# Details

The Hex color **6798A5** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A57467**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **9CCEDC**, and **336571** is the 20% darker color. If you saturate the color by 10%, you get **5695A5**, and if you desaturate by 10%, it is **779BA5**.

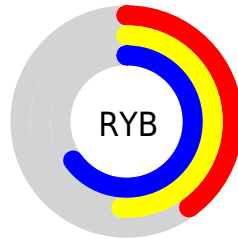
# Distribution



Red (40%)

Green (60%)

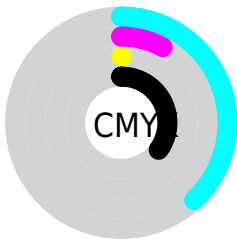
Blue (65%)



Red (40%)

Yellow (51%)

Blue (65%)

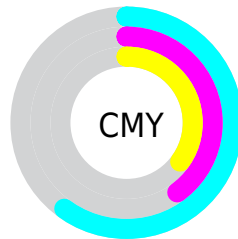


Cyan (38%)

Magenta (8%)

Yellow (0%)

Black (35%)



Cyan (60%)

Magenta (40%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6798A5 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 6798A5 by changing the saturation by 10% instead.





6798A5



6798A5

FFFFFF



4D7E8B



9CCEDC



336571



B8EBF9



184D59



D4FFFF



003641



F1FFFF



00212B



000117



000000



6798A5



6798A5



5695A5



779BA5

4691A5

889FA5

358EA5

98A2A5

258AA5

A9A6A5

1587A5

BAA9A5

0483A5

CAADA5

0082A5

DAB0A5

EBB4A5

FBB7A5

# Harmonies

## Analogous

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



679997



6798A5



7395AE

# Triad

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



6798A5



AA869A



959272

# Complementary

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



6798A5



A57467

# 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.



A58C73



6798A5



B1858A

# Square

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



6798A5



9B8AA7



AE887C



849679

# Rectangle

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



6798A5



8091AF



AE887C



9B9071



# Sweetspot

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



6798A5



BFD1D6



67A573



5D686B



EBEBEB



6B6B6B



# Same Dimension

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



6798A5



76C2D6



677AA5



495052



007391



000E12



# Inverse Universe

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



A56798



D676C2



A59267



524950



910073



12000E



# Previews

## White Background



This preview shows how the Hex color 6798A5 looks on a white background.

## Color Contrast Check

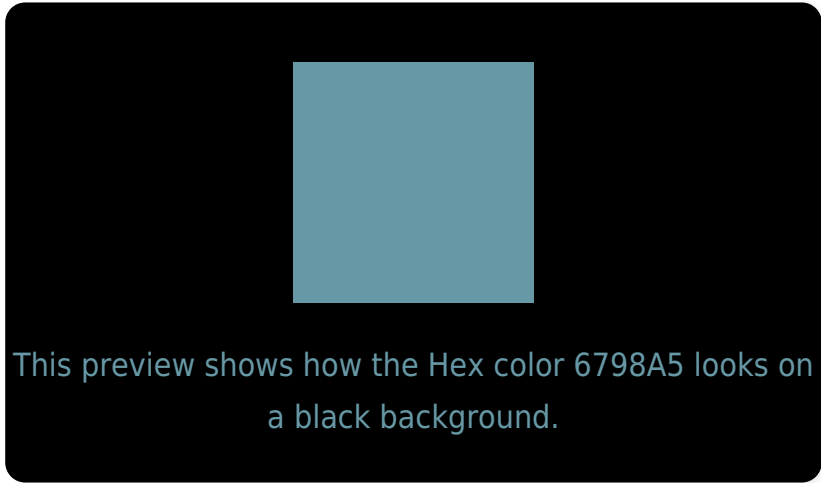
Large Text (above 18pt) WCAG AA ✓ Pass

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

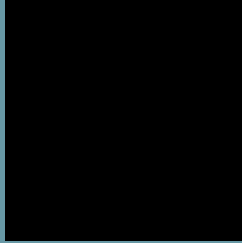
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6798A5 Background



This preview shows how black text looks on a background with the Hex color 6798A5.

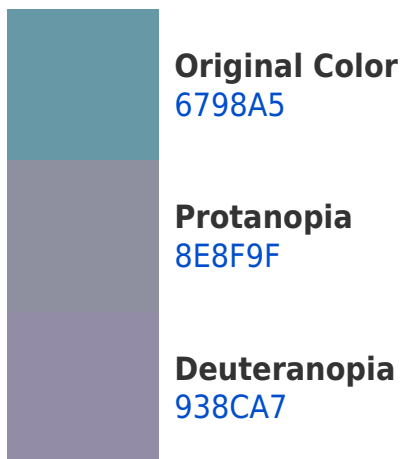


This preview shows how white text looks on a background with the Hex color 6798A5.

# 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](#).

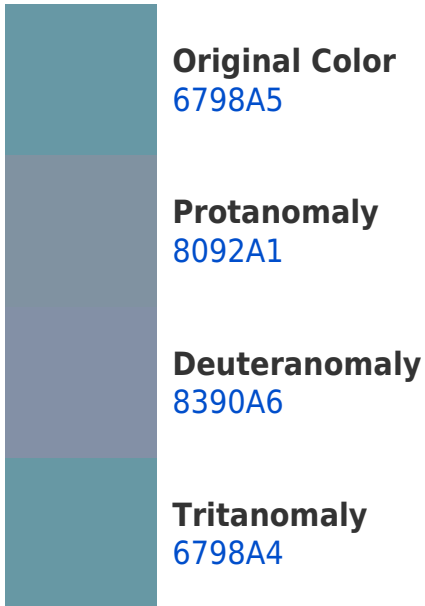
## Dichromacy



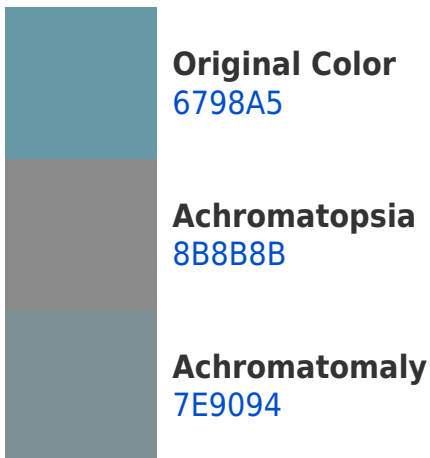


**Tritanopia**  
6798A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6798A5 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 #6798A5 looks like.

```
.text, #text, p{  
    color:#6798A5  
}
```

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 #6798A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6798A5
}
```

## Border

The CSS property to change the border of an element to Hex 6798A5 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
#6798A5 }
```

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

```
.border{ border-color:#6798A5 }
```

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

Here you see how a box with a 4 pixel #6798A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6798A5; -webkit-box-shadow:4px 4px  
4px 4px #6798A5; box-shadow:4px 4px 4px  
4px #6798A5 }
```

# Background

The CSS property to change the background color of an element to Hex 6798A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6798A5 }
```

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

```
.background{ background-color:#6798A5 }
```

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