

# Converting Colors

Hex(6793A5)

Have a look what the booklet for  
Hex(6793A5) contains.

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# Color

Hex(6793A5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6793A5
RGB	103, 147, 165
RGB Percent	40%, 58%, 65%
CMY	0.5961, 0.4235, 0.3529
CMYK	0.38, 0.11, 0.00, 0.35
HSL	197°, 26%, 53%
HSV	197°, 38%, 65%
XYZ	22.8188, 26.4676, 39.5034
YIQ	135.8960, -32.0020, -3.7300

# Conversions

## Conversions Part 2

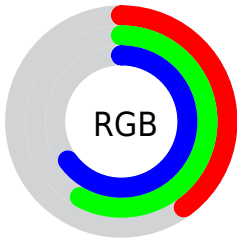
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 129, 165
Decimal	6788005
CIELab	58.48, -10.27, -14.23
CIElCh	58, 17.552, 234.189
Yxy	26.4676, 0.2570, 0.2981
Android (android.graphics.Color)	4284978085 (0xFF6793A5)
YUV	135.8960, 14.3483, -28.8498
Hunter-Lab	51.4467, -10.8594, -9.5132

# Details

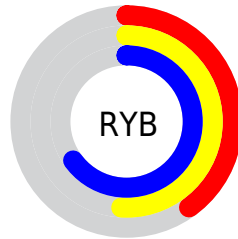
The Hex color **6793A5** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A57967**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **9CC9DC**, and **346071** is the 20% darker color. If you saturate the color by 10%, you get **568EA5**, and if you desaturate by 10%, it is **7798A5**.

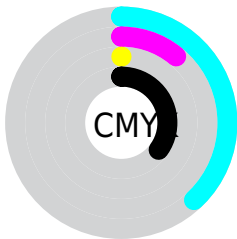
# Distribution



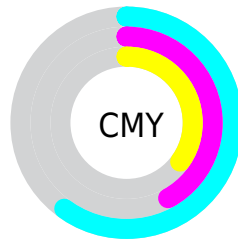
- Red (40%)
- Green (58%)
- Blue (65%)



- Red (40%)
- Yellow (51%)
- Blue (65%)



- Cyan (38%)
- Magenta (11%)
- Yellow (0%)
- Black (35%)



- Cyan (60%)
- Magenta (42%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6793A5 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 6793A5 by changing the saturation by 10% instead.



6793A5

6793A5

FFFFFF

4D798B

9CC9DC

346071

B8E5F9

194959

D4FFFF

003241

F1FFFF

001D2B

000117

000000

6793A5

6793A5

568EA5

7798A5

4689A5

889DA5

3585A5

98A1A5

2580A5

A9A6A5

157BA5

BAABA5

0476A5

CAB0A5

0075A5

DAB5A5

EBB9A5

FBBEA5

# Harmonies

## Analogous

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



629599



6793A5



778FAB

# Triad

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



6793A5



A98290



8B8F70

# Complementary

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



6793A5



A57967

# 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.



9B8B6E



6793A5



AD8281

# Square

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



6793A5



9E859F



A78674



79937A

# Rectangle

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



6793A5



858BAA



A78674



918E6F



# Sweetspot

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



6793A5



BFCFD6



67A579



5D676B



EBEBEB



6B6B6B



# Same Dimension

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



6793A5



76BAD6



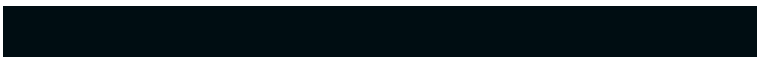
6774A5



494F52



006791



000D12



# Inverse Universe

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



A56793



D676BA



A59867



52494F



910067



12000D



# Previews

## White Background



This preview shows how the Hex color 6793A5 looks on a white background.

## Color Contrast Check

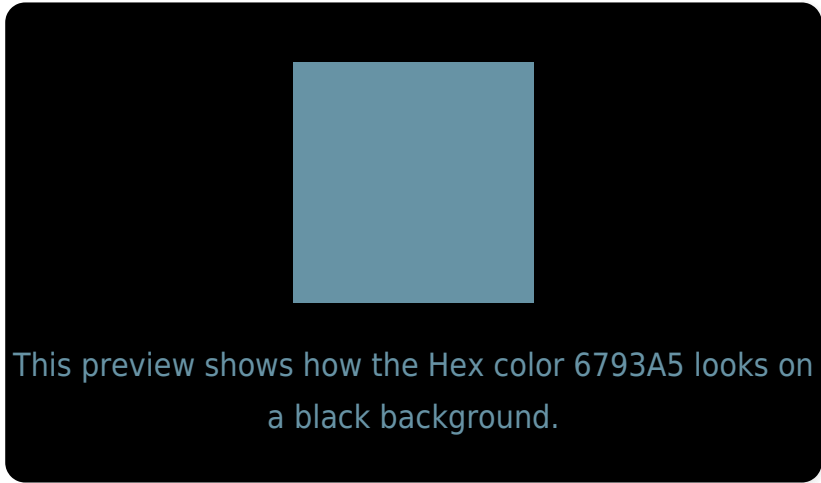
Large Text (above 18pt) WCAG AA ✓ Pass

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

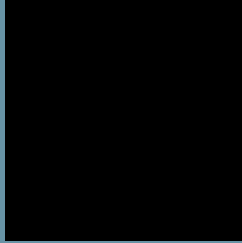
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6793A5 Background



This preview shows how black text looks on a background with the Hex color 6793A5.

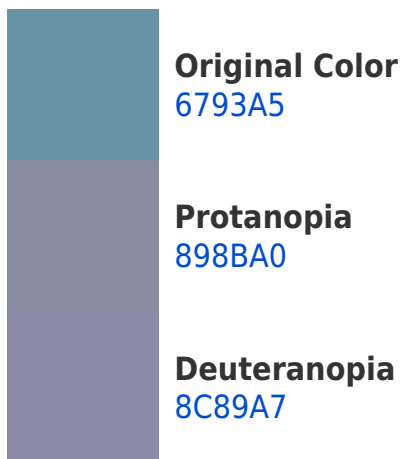



This preview shows how white text looks on a background with the Hex color 6793A5.

# 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](#).

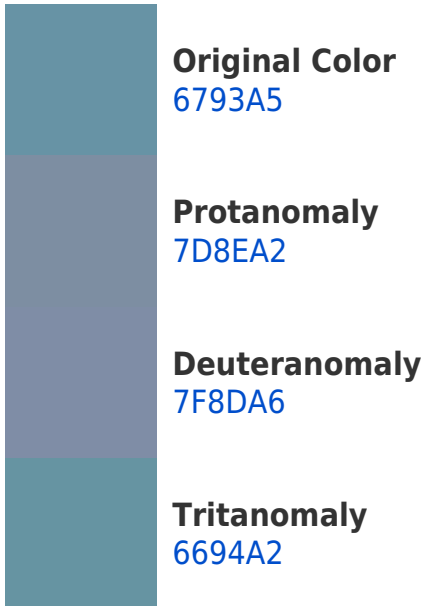
## Dichromacy



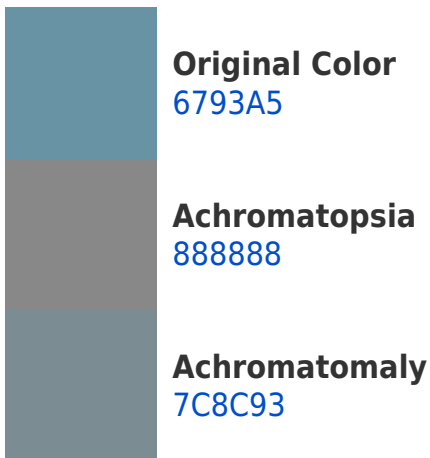


**Tritanopia**  
6694A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6793A5 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 #6793A5 looks like.

```
.text, #text, p{  
    color:#6793A5  
}
```

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 #6793A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6793A5
}
```

## Border

The CSS property to change the border of an element to Hex 6793A5 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
#6793A5 }
```

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

```
.border{ border-color:#6793A5 }
```

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

Here you see how a box with a 4 pixel #6793A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6793A5; -webkit-box-shadow:4px 4px  
4px 4px #6793A5; box-shadow:4px 4px 4px  
4px #6793A5 }
```

# Background

The CSS property to change the background color of an element to Hex 6793A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6793A5 }
```

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

```
.background{ background-color:#6793A5 }
```

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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