

# Converting Colors

Hex(6791A6)

Have a look what the booklet for  
Hex(6791A6) contains.

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# Color

Hex(6791A6)

# Conversions

## Conversions Part 1

Format	Color
Hex	6791A6
RGB	103, 145, 166
RGB Percent	40%, 57%, 65%
CMY	0.5961, 0.4314, 0.3490
CMYK	0.38, 0.13, 0.00, 0.35
HSL	200°, 26%, 53%
HSV	200°, 38%, 65%
XYZ	22.6019, 25.8875, 39.8819
YIQ	134.8360, -31.7730, -2.3730

# Conversions

## Conversions Part 2

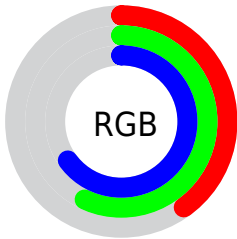
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 128, 166
Decimal	6787494
CIELab	57.93, -8.90, -15.63
CIElCh	58, 17.986, 240.360
Yxy	25.8875, 0.2558, 0.2929
Android (android.graphics.Color)	4284977574 (0xFF6791A6)
YUV	134.8360, 15.3639, -27.9202
Hunter-Lab	50.8798, -9.7463, -10.8584

# Details

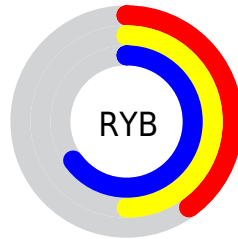
The Hex color **6791A6** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A67C67**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **9CC7DD**, and **345F72** is the 20% darker color. If you saturate the color by 10%, you get **568BA6**, and if you desaturate by 10%, it is **7897A6**.

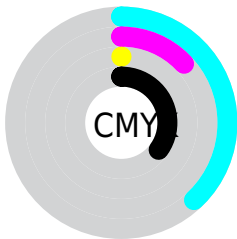
# Distribution



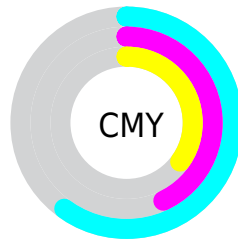
- Red (40%)
- Green (57%)
- Blue (65%)



- Red (40%)
- Yellow (50%)
- Blue (65%)



- Cyan (38%)
- Magenta (13%)
- Yellow (0%)
- Black (35%)



- Cyan (60%)
- Magenta (43%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6791A6 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 6791A6 by changing the saturation by 10% instead.



6791A6

6791A6

FFFFFF

4D778C

9CC7DD

345F72

B8E3FA

19475A

D4FFFF

003142

F1FFFF

001C2C

000118

000000

6791A6

6791A6

568BA6

7897A6

4686A6

889CA6

3580A6

99A2A6

257BA6

A9A7A6

1475A6

BAADA6

0370A6

CBB2A6

006FA6

DBB8A6

ECBDA6

FCC3A6

# Harmonies

## Analogous

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



5F949A



6791A6



798DAA

# Triad

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



6791A6



AA808C



868F70

# Complementary

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



6791A6



A67C67

# 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.



978A6C



6791A6



AB817C

# Square

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



6791A6



A0829B



A48570



74937B

# Rectangle

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



6791A6



8789A9



A48570



8C8E6E



# Sweetspot

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



6791A6



C1D1D9



67A67C



5F696E



EDEDED



6E6E6E



# Same Dimension

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



6791A6



75B8D9



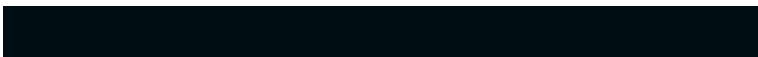
6772A6



4C5154



006394



000E14



# Inverse Universe

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



A66791



D975B8



A69B67



544C51



940063



14000E



# Previews

## White Background



This preview shows how the Hex color 6791A6 looks on a white background.

## Color Contrast Check

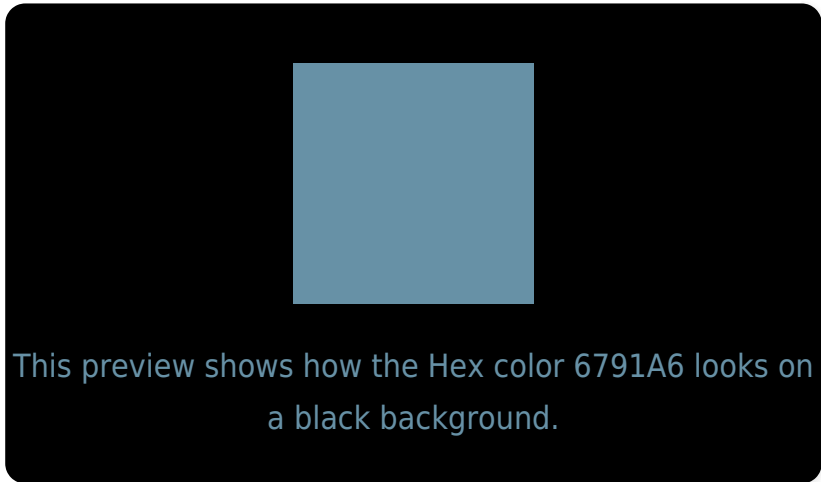
Large Text (above 18pt) WCAG AA ✓ Pass

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

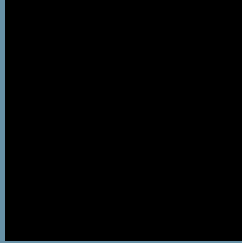
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

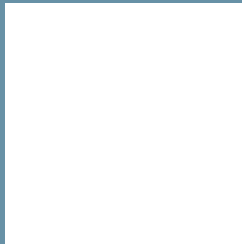
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6791A6 Background



This preview shows how black text looks on a background with the Hex color 6791A6.

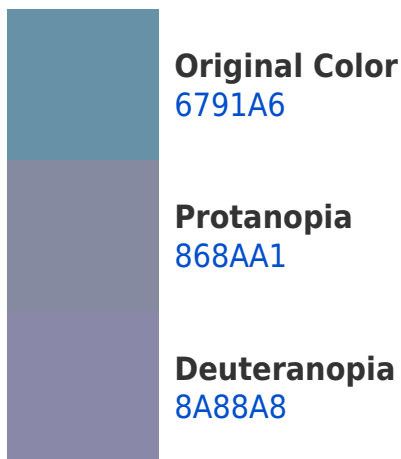


This preview shows how white text looks on a background with the Hex color 6791A6.

# 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](#).

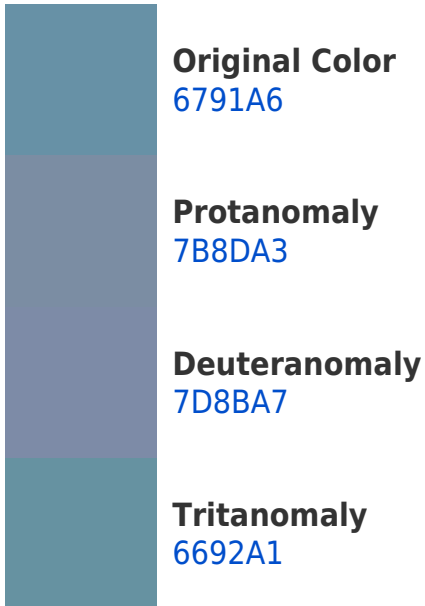
## Dichromacy





**Tritanopia**  
65929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6791A6 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 #6791A6 looks like.

```
.text, #text, p{  
    color:#6791A6  
}
```

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 #6791A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6791A6
}
```

## Border

The CSS property to change the border of an element to Hex 6791A6 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
#6791A6 }
```

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

```
.border{ border-color:#6791A6 }
```

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

Here you see how a box with a 4 pixel #6791A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6791A6; -webkit-box-shadow:4px 4px  
4px 4px #6791A6; box-shadow:4px 4px 4px  
4px #6791A6 }
```

# Background

The CSS property to change the background color of an element to Hex 6791A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6791A6 }
```

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

```
.background{ background-color:#6791A6 }
```

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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