

# Converting Colors

Hex(7596A6)

Have a look what the booklet for  
Hex(7596A6) contains.

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# Color

Hex(7596A6)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7596A6
RGB	117, 150, 166
RGB Percent	46%, 59%, 65%
CMY	0.5412, 0.4118, 0.3490
CMYK	0.30, 0.10, 0.00, 0.35
HSL	200°, 22%, 55%
HSV	200°, 30%, 65%
XYZ	25.1254, 28.3478, 40.2238
YIQ	141.9570, -24.8040, -2.0200

# Conversions

## Conversions Part 2

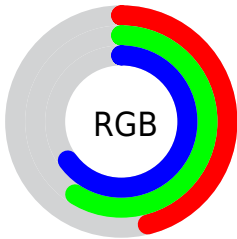
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 137, 166
Decimal	7706278
CIELab	60.20, -7.56, -12.12
CIELCh	60, 14.289, 238.050
Yxy	28.3478, 0.2682, 0.3025
Android (android.graphics.Color)	4285896358 (0xFF7596A6)
YUV	141.9570, 11.8532, -21.8873
Hunter-Lab	53.2426, -8.9398, -7.5226

# Details

The Hex color **7596A6** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A68575**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **AACCDD**, and **436372** is the 20% darker color. If you saturate the color by 10%, you get **6491A6**, and if you desaturate by 10%, it is **869BA6**.

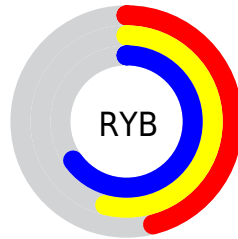
# Distribution



Red (46%)

Green (59%)

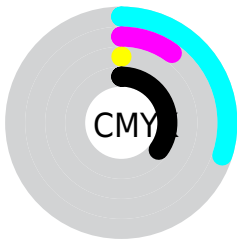
Blue (65%)



Red (46%)

Yellow (54%)

Blue (65%)

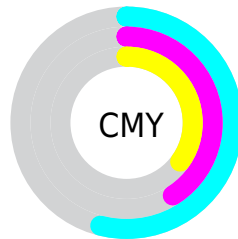


Cyan (30%)

Magenta (10%)

Yellow (0%)

Black (35%)



Cyan (54%)

Magenta (41%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7596A6 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 7596A6 by changing the saturation by 10% instead.



 7596A6

 7596A6

FFFFFF

 5C7C8C

 AACDD

 436372

 C6E8FA

 2B4B5A

 E2FFFF

 123542

 001F2C

 000318

 000000

 7596A6

 7596A6

 6491A6

 869BA6

■ 548BA6

■ 96A1A6

■ 4386A6

■ A7A6A6

■ 3380A6

■ B7ACA6

■ 227BA6

■ C8B1A6

■ 1175A6

■ D9B7A6

■ 0170A6

■ E9BCA6

■ 0070A6

■ FAC1A6

■ FFC7A6

# Harmonies

## Analogous

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



70989C



7596A6



8292AA

# Triad

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



7596A6



AA8892



8E947B

# Complementary

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



7596A6



A68575

# 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.



9C9078



7596A6



AC8986

# Square

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



7596A6



A18A9F



A78C7C



809783

# Rectangle

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



7596A6



8D90A9



A78C7C



939379



# Sweetspot

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



7596A6



C5D2D9



75A685



626A6E



EDEDED



6E6E6E



# Same Dimension

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



7596A6



8DC0D9



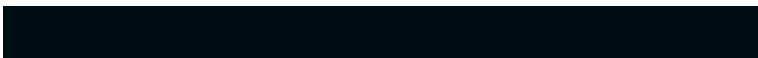
757EA6



4C5154



006494



000E14



# Inverse Universe

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



A67596



D98DC0



A69D75



544C51



940064



14000E



# Previews

## White Background



This preview shows how the Hex color 7596A6 looks on a white background.

## Color Contrast Check

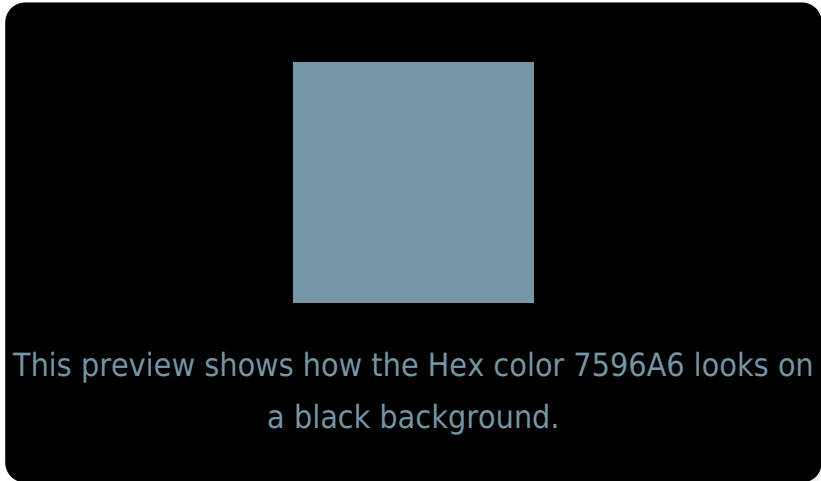
Large Text (above 18pt) WCAG AA ✓ Pass

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

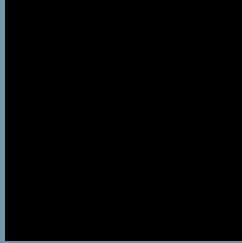
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

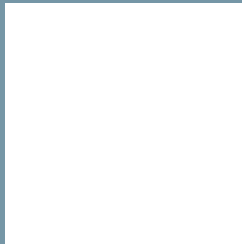
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7596A6 Background



This preview shows how black text looks on a background with the Hex color 7596A6.



This preview shows how white text looks on a background with the Hex color 7596A6.

# 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



**Original Color**  
7596A6

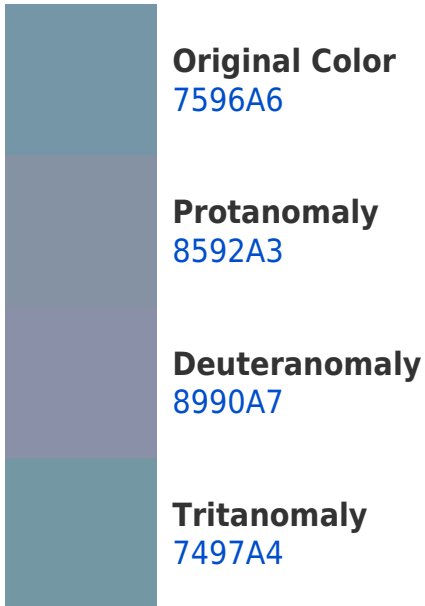
**Protanopia**  
8E90A2

**Deuteranopia**  
948DA8

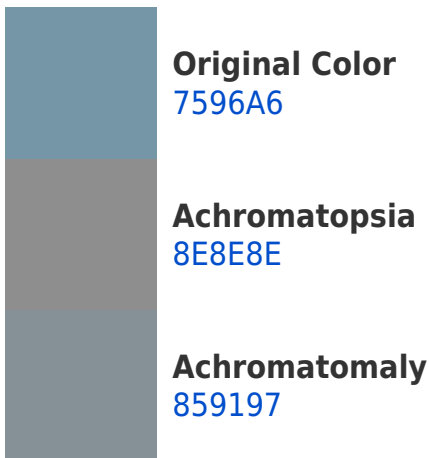


**Tritanopia**  
7497A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7596A6 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 #7596A6 looks like.

```
.text, #text, p{  
    color:#7596A6  
}
```

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 #7596A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7596A6
}
```

## Border

The CSS property to change the border of an element to Hex 7596A6 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
#7596A6 }
```

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

```
.border{ border-color:#7596A6 }
```

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

Here you see how a box with a 4 pixel #7596A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7596A6; -webkit-box-shadow:4px 4px  
4px 4px #7596A6; box-shadow:4px 4px 4px  
4px #7596A6 }
```

# Background

The CSS property to change the background color of an element to Hex 7596A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7596A6 }
```

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

```
.background{ background-color:#7596A6 }
```

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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