

# Converting Colors

Hex(606B7E)

Have a look what the booklet for  
Hex(606B7E) contains.

<b>Hex(606B7E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(606B7E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	606B7E
RGB	96, 107, 126
RGB Percent	38%, 42%, 49%
CMY	0.6235, 0.5804, 0.5059
CMYK	0.24, 0.15, 0.00, 0.51
HSL	218°, 14%, 44%
HSV	218°, 24%, 49%
XYZ	13.8475, 14.5085, 21.8093
YIQ	105.8770, -12.6550, 3.5770

# Conversions

## Conversions Part 2

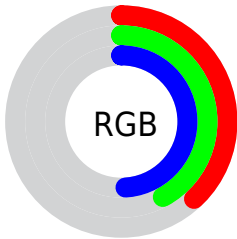
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	96, 104, 126
Decimal	6318974
CIE Lab	44.95, 0.36, -11.93
CIE LCh	45, 11.932, 271.752
Yxy	14.5085, 0.2760, 0.2892
Android (android.graphics.Color)	4284509054 (0xFF606B7E)
YUV	105.8770, 9.9206, -8.6621
Hunter-Lab	38.0901, -1.7649, -7.2846

# Details

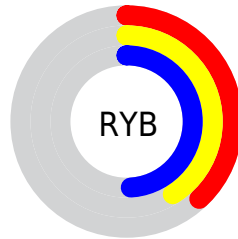
The Hex color **606B7E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7E7360**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **939EB3**, and **313C4D** is the 20% darker color. If you saturate the color by 10%, you get **53637E**, and if you desaturate by 10%, it is **6D737E**.

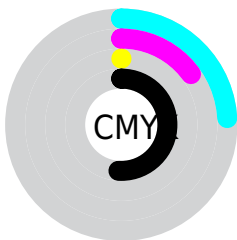
# Distribution



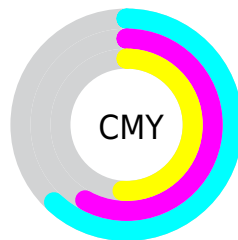
- Red (38%)
- Green (42%)
- Blue (49%)



- Red (38%)
- Yellow (41%)
- Blue (49%)



- Cyan (24%)
- Magenta (15%)
- Yellow (0%)
- Black (51%)



- Cyan (62%)
- Magenta (58%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 606B7E 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 606B7E by changing the saturation by 10% instead.



■ 606B7E

■ 606B7E

FFFFFF

■ 485365

■ 939EB3

■ 313C4D

■ AEB9CE

■ 1B2636

■ C9D5EA

■ 041121

■ E5F1FF

■ 000008

■ 000000

■ 606B7E

■ 606B7E

■ 53637E

■ 6D737E

■ 475B7E

■ 797B7E

■ 3A537E

■ 86837E

■ 2E4B7E

■ 928B7E

■ 21437E

■ 9F937E

■ 143B7E

■ AC9B7E

■ 08337E

■ B8A37E

■ 002E7E

■ C5AB7E

■ D1B37E

# Harmonies

## Analogous

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



556E7C



606B7E



6D687B

# Triad

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



606B7E



7F6460



5B6F61

# Complementary

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



606B7E



7E7360

# 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.



676D59



606B7E



7A6759

# Square

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



606B7E



7E636A



726A57



53706B

# Rectangle

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



606B7E



756677



726A57



5F6F5E



# Sweetspot

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



606B7E



989CA3



607E73



4B4D52



D1D1D1



525252



# Same Dimension

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



606B7E



7485A3



64607E



393C40



002F80



000000



# Inverse Universe

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



7E606B



A37485



7A7E60



40393C



80002F



000000



# Previews

## White Background



This preview shows how the Hex color 606B7E looks on a white background.

## Color Contrast Check

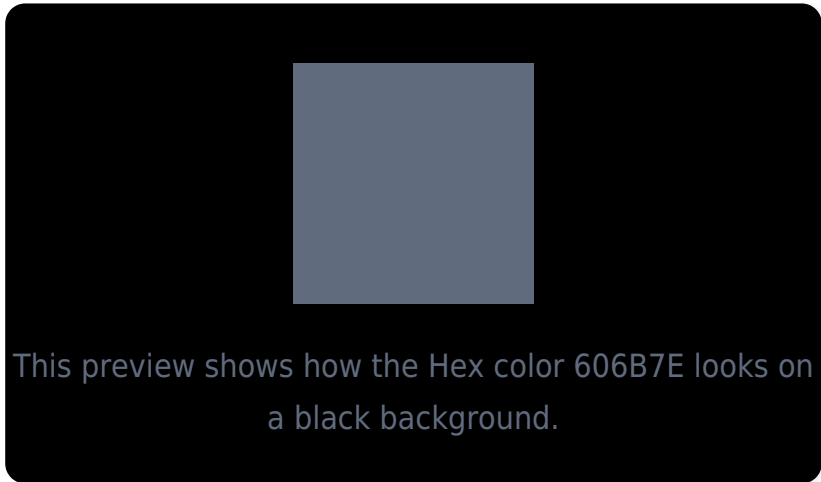
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

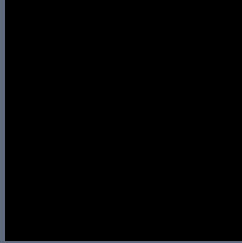
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

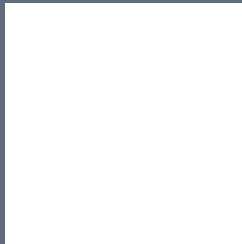
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 606B7E Background



This preview shows how black text looks on a background with the Hex color 606B7E.



This preview shows how white text looks on a background with the Hex color 606B7E.

# 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](#).

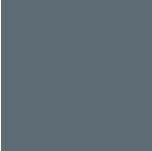
## Dichromacy



**Original Color**  
606B7E

**Protanopia**  
66697D

**Deuteranopia**  
6A687F



**Tritanopia**  
5E6D75

# Trichromacy



**Original Color**  
606B7E

**Protanomaly**  
646A7D

**Deuteranomaly**  
66697F

**Tritanomaly**  
5F6C78

# Monochromacy



**Original Color**  
606B7E

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
666A71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 606B7E 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 #606B7E looks like.

```
.text, #text, p{  
    color:#606B7E  
}
```

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 #606B7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #606B7E
}
```

## Border

The CSS property to change the border of an element to Hex 606B7E is called "border". The border property can be set on classes, ids or directly on the HTML element.

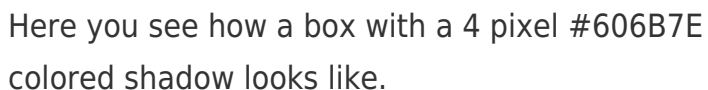
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#606B7E }
```

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

```
.border{ border-color:#606B7E }
```

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



Here you see how a box with a 4 pixel #606B7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #606B7E; -webkit-box-shadow:4px 4px  
4px 4px #606B7E; box-shadow:4px 4px 4px  
4px #606B7E }
```

# Background

The CSS property to change the background color of an element to Hex 606B7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#606B7E }
```

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

```
.background{ background-color:#606B7E }
```

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