

# Converting Colors

Hex(6A607C)

Have a look what the booklet for  
Hex(6A607C) contains.

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# Color

**Hex(6A607C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A607C
RGB	106, 96, 124
RGB Percent	42%, 38%, 49%
CMY	0.5843, 0.6235, 0.5137
CMYK	0.15, 0.23, 0.00, 0.51
HSL	261°, 13%, 43%
HSV	261°, 23%, 49%
XYZ	13.7648, 12.8851, 20.8304
YIQ	102.1820, -3.0280, 10.8280

# Conversions

## Conversions Part 2

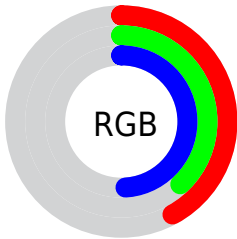
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">106, 96, 124</a>
Decimal	<a href="#">6971516</a>
CIELab	<a href="#">42.59, 10.03, -14.22</a>
CIELCh	<a href="#">43, 17.405, 305.187</a>
Yxy	<a href="#">12.8851, 0.2899, 0.2714</a>
Android (android.graphics.Color)	<a href="#">4285161596 (0xFF6A607C)</a>
YUV	<a href="#">102.1820, 10.7563, 3.3484</a>
Hunter-Lab	<a href="#">35.8959, 5.6307, -9.2789</a>

# Details

The Hex color **6A607C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **727C60**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **9E93B1**, and **3A324B** is the 20% darker color. If you saturate the color by 10%, you get **62547C**, and if you desaturate by 10%, it is **726C7C**.

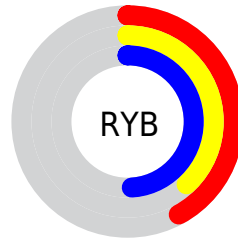
# Distribution



Red (42%)

Green (38%)

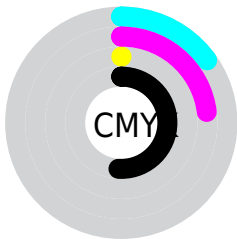
Blue (49%)



Red (42%)

Yellow (38%)

Blue (49%)

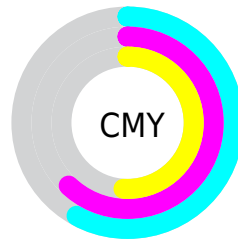


Cyan (15%)

Magenta (23%)

Yellow (0%)

Black (51%)



Cyan (58%)

Magenta (62%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A607C 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 6A607C by changing the saturation by 10% instead.





6A607C



6A607C

FFFFFF



524863



9E93B1



3A324B



B9ADCC



241D34



D4C8E8



11031F



F1E5FF



000004



000000



6A607C



6A607C



62547C



726C7C



5A477C



7A797C

■ 523B7C

■ 82857C

■ 4A2E7C

■ 8A927C

■ 42227C

■ 929E7C

■ 3A167C

■ 9AAA7C

■ 32097C

■ A2B77C

■ 2C007C

■ AAC37C

■ B2D07C

# Harmonies

## Analogous

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



566581



6A607C



795C71

# Triad

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



6A607C



79604B



3F6D67

# Complementary

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



6A607C



727C60

# 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.



4C6C58



6A607C



6D6448

# Square

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



6A607C



815C55



5D694D



3A6C75

# Rectangle

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



6A607C



7F5A67



5D694D



436C62



# Sweetspot

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



6A607C



9995A1



60727C



4D4B52



D1D1D1



525252



# Same Dimension

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



6A607C



8575A1



78607C



39373D



2D007D



5A00FC



# Inverse Universe

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



7C6072



A17591



647C60



3D373B



7D0050



FC00A2



# Previews

## White Background



This preview shows how the Hex color 6A607C looks on a white background.

## Color Contrast Check

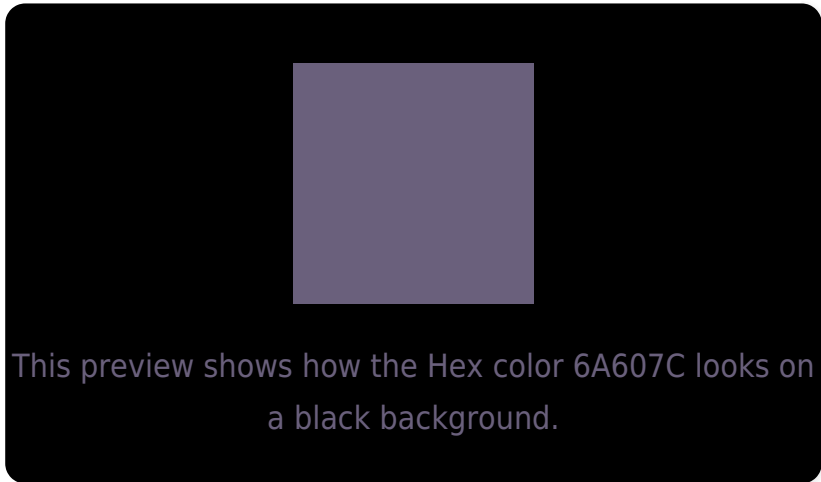
Large Text (above 18pt) WCAG AA ✓ Pass

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

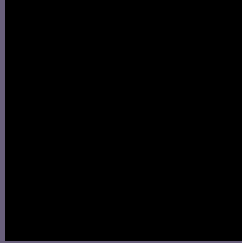
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A607C Background



This preview shows how black text looks on a background with the Hex color 6A607C.



This preview shows how white text looks on a background with the Hex color 6A607C.

# 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**  
6A607C

**Protanopia**  
5E647E

**Deuteranopia**  
63627C



**Tritanopia**  
67636B

# Trichromacy



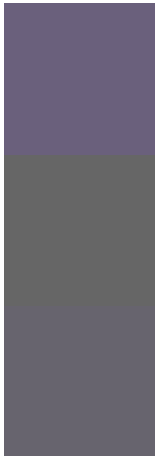
**Original Color**  
6A607C

**Protanomaly**  
62637D

**Deuteranomaly**  
66617C

**Tritanomaly**  
686271

# Monochromacy



**Original Color**  
6A607C

**Achromatopsia**  
666666

**Achromatomaly**  
67646E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A607C 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 #6A607C looks like.

```
.text, #text, p{  
    color:#6A607C  
}
```

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 #6A607C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A607C
}
```

## Border

The CSS property to change the border of an element to Hex 6A607C is called "border". The border property can be set on classes, ids or directly on the HTML element.

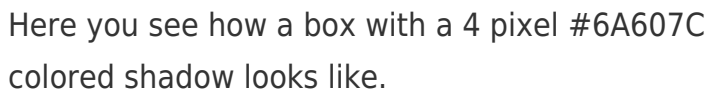
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A607C }
```

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

```
.border{ border-color:#6A607C }
```

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



Here you see how a box with a 4 pixel #6A607C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A607C; -webkit-box-shadow:4px 4px  
4px 4px #6A607C; box-shadow:4px 4px 4px  
4px #6A607C }
```

# Background

The CSS property to change the background color of an element to Hex 6A607C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A607C }
```

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

```
.background{ background-color:#6A607C }
```

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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