

# Converting Colors

Hex(60607A)

Have a look what the booklet for  
Hex(60607A) contains.

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# Color

**Hex(60607A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60607A
RGB	96, 96, 122
RGB Percent	38%, 38%, 48%
CMY	0.6235, 0.6235, 0.5216
CMYK	0.21, 0.21, 0.00, 0.52
HSL	240°, 12%, 43%
HSV	240°, 21%, 48%
XYZ	12.5196, 12.2577, 20.1185
YIQ	98.9640, -8.3460, 8.0860

# Conversions

## Conversions Part 2

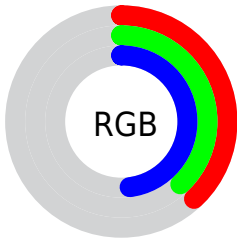
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 96, 122
Decimal	6316154
CIE Lab	41.62, 6.03, -14.56
CIE LCh	42, 15.762, 292.485
Yxy	12.2577, 0.2789, 0.2730
Android (android.graphics.Color)	4284506234 (0xFF60607A)
YUV	98.9640, 11.3567, -2.5994
Hunter-Lab	35.0110, 2.5607, -9.5623

# Details

The Hex color **60607A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7A7A60**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **9392AE**, and **313249** is the 20% darker color. If you saturate the color by 10%, you get **54547A**, and if you desaturate by 10%, it is **6C6C7A**.

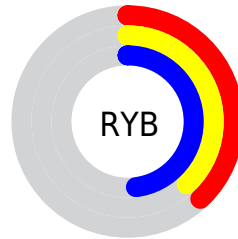
# Distribution



Red (38%)

Green (38%)

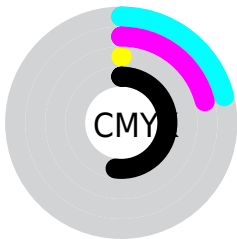
Blue (48%)



Red (38%)

Yellow (38%)

Blue (48%)

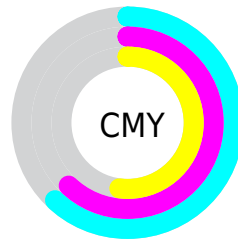


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (52%)



Cyan (62%)

Magenta (62%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60607A 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 60607A by changing the saturation by 10% instead.





60607A



60607A

FFFFFF



484861



9392AE



313249



AEADCA



1B1D33



C9C8E6



05031E



E5E4FF



000000



60607A



60607A



54547A



6C6C7A



48487A



78787A



3B3B7A



85857A

■ 2F2F7A

■ 91917A

■ 23237A

■ 9D9D7A

■ 17177A

■ A9A97A

■ 0B0B7A

■ B5B57A

■ 00007A

■ C2C27A

■ CECE7A

# Harmonies

## Analogous

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



4E647C



60607A



705C72

# Triad

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



60607A



795C4E



45695E

# Complementary

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



60607A



7A7A60

# 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.



536852



60607A



6F6049

# Square

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



60607A



7D5959



62644A



3D696C

# Rectangle

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



60607A



775A6A



62644A



49695A



# Sweetspot

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



60607A



95959E



607A7A



4A4A4F



CFCFCF



4F4F4F



# Same Dimension

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



60607A



75759E



6D607A



37373D



00007D



0000FC



# Inverse Universe

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



7A607A



9E759E



6D7A60



3D373D



7D007D



FC00FC



# Previews

## White Background



This preview shows how the Hex color 60607A looks on a white background.

## Color Contrast Check

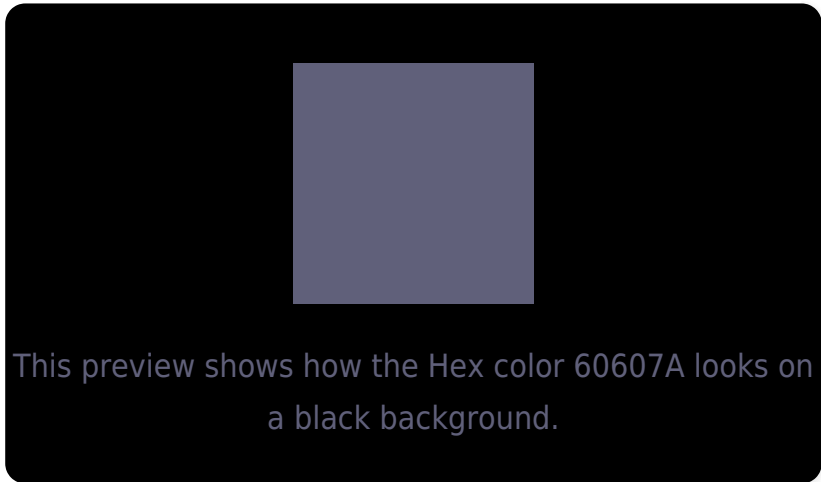
Large Text (above 18pt) WCAG AA ✓ Pass

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

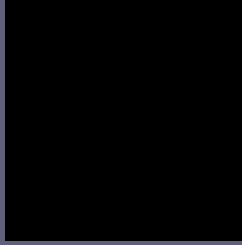
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 60607A Background



This preview shows how black text looks on a background with the Hex color 60607A.



This preview shows how white text looks on a background with the Hex color 60607A.

# 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**  
60607A

**Protanopia**  
5C617B

**Deuteranopia**  
60607A



**Tritanopia**  
5D636B

# Trichromacy



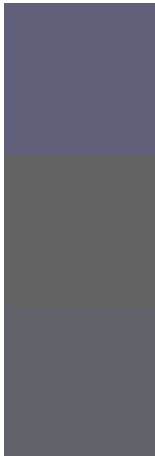
**Original Color**  
60607A

**Protanomaly**  
5D617B

**Deuteranomaly**  
60607A

**Tritanomaly**  
5E6270

# Monochromacy



**Original Color**  
60607A

**Achromatopsia**  
636363

**Achromatomaly**  
62626B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60607A 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 #60607A looks like.

```
.text, #text, p{  
    color:#60607A  
}
```

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 #60607A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60607A
}
```

## Border

The CSS property to change the border of an element to Hex 60607A 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
#60607A }
```

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

```
.border{ border-color:#60607A }
```

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

Here you see how a box with a 4 pixel #60607A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60607A; -webkit-box-shadow:4px 4px  
4px 4px #60607A; box-shadow:4px 4px 4px  
4px #60607A }
```

# Background

The CSS property to change the background color of an element to Hex 60607A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60607A }
```

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

```
.background{ background-color:#60607A }
```

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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