

# Converting Colors

Hex(607AA1)

Have a look what the booklet for  
Hex(607AA1) contains.

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# Color

**Hex(607AA1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	607AA1
RGB	96, 122, 161
RGB Percent	38%, 48%, 63%
CMY	0.6235, 0.5216, 0.3686
CMYK	0.40, 0.24, 0.00, 0.37
HSL	216°, 26%, 50%
HSV	216°, 40%, 63%
XYZ	18.2164, 18.9791, 36.4214
YIQ	118.6720, -28.0150, 6.6170

# Conversions

## Conversions Part 2

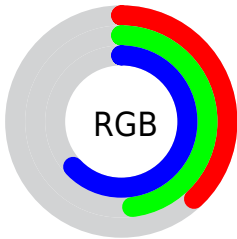
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 115, 161
Decimal	6322849
CIE Lab	50.66, 0.94, -23.90
CIE LCh	51, 23.917, 272.250
Yxy	18.9791, 0.2474, 0.2578
Android (android.graphics.Color)	4284512929 (0xFF607AA1)
YUV	118.6720, 20.8677, -19.8833
Hunter-Lab	43.5650, -1.6000, -19.0725

# Details

The Hex color **607AA1** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A18760**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **95AED8**, and **2D4A6D** is the 20% darker color. If you saturate the color by 10%, you get **5070A1**, and if you desaturate by 10%, it is **7084A1**.

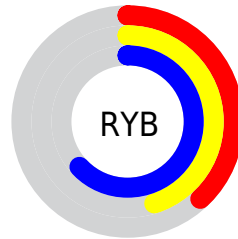
# Distribution



Red (38%)

Green (48%)

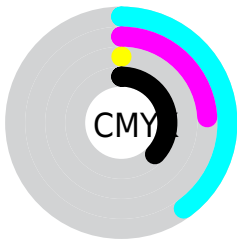
Blue (63%)



Red (38%)

Yellow (45%)

Blue (63%)

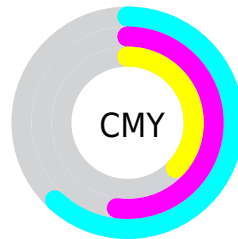


Cyan (40%)

Magenta (24%)

Yellow (0%)

Black (37%)



Cyan (62%)

Magenta (52%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 607AA1 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 607AA1 by changing the saturation by 10% instead.





607AA1



607AA1

FFFFFF



466187



95AED8



2D4A6D



B0CAF4



113355



CCE6FF



001E3D



E9FFFF



000428



000111



000000



607AA1



607AA1



5070A1



7084A1

■ 4067A1

■ 808DA1

■ 305DA1

■ 9097A1

■ 2053A1

■ A0A1A1

■ 104AA1

■ B1AAA1

■ 0040A1

■ C1B4A1

■ D1BEA1

■ E1C7A1

■ F1D1A1

# Harmonies

## Analogous

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



43809C



607AA1



7D739B

# Triad

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



607AA1



A06B64



588265

# Complementary

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



607AA1



A18760

# 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.



707E56



607AA1



977155

# Square

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



607AA1



A06978



857850



418479

# Rectangle

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



607AA1



8D6E92



857850



60815F

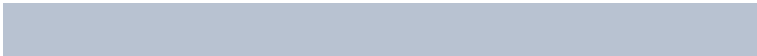


# Sweetspot

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



607AA1



B8C2D1



60A187



5A6069



E8E8E8



696969



# Same Dimension

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



607AA1



6D95D1



6560A1



494D52



003A91



000712



# Inverse Universe

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



A1607A



D16D95



9BA160



52494D



91003A

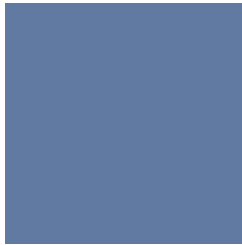


120007



# Previews

## White Background



This preview shows how the Hex color 607AA1 looks on a white background.

## Color Contrast Check

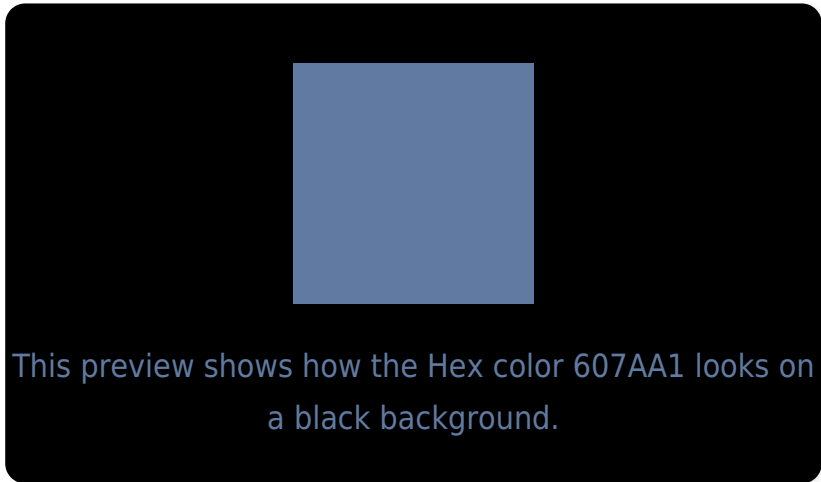
Large Text (above 18pt) WCAG AA ✓ Pass

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

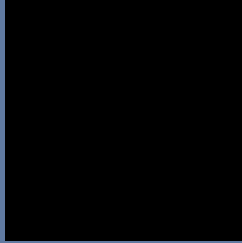
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

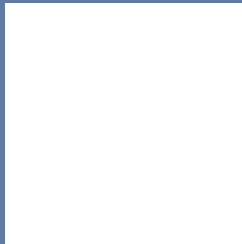
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 607AA1 Background



This preview shows how black text looks on a background with the Hex color 607AA1.



This preview shows how white text looks on a background with the Hex color 607AA1.

# 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**  
607AA1

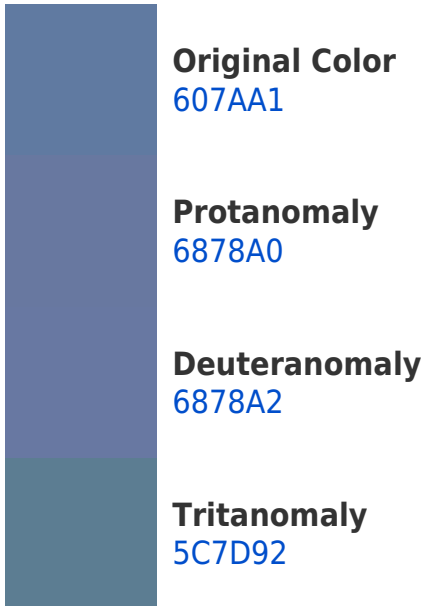
**Protanopia**  
6D779F

**Deuteranopia**  
6D77A2



**Tritanopia**  
5A7E89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 607AA1 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 #607AA1 looks like.

```
.text, #text, p{  
    color:#607AA1  
}
```

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 #607AA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #607AA1
}
```

## Border

The CSS property to change the border of an element to Hex 607AA1 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
#607AA1 }
```

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

```
.border{ border-color:#607AA1 }
```

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

Here you see how a box with a 4 pixel #607AA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #607AA1; -webkit-box-shadow:4px 4px  
4px 4px #607AA1; box-shadow:4px 4px 4px  
4px #607AA1 }
```

# Background

The CSS property to change the background color of an element to Hex 607AA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#607AA1 }
```

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

```
.background{ background-color:#607AA1 }
```

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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