

# Converting Colors

Hex(7607A1)

Have a look what the booklet for  
Hex(7607A1) contains.

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**Color**

**Hex(7607A1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7607A1
RGB	118, 7, 161
RGB Percent	46%, 3%, 63%
CMY	0.5373, 0.9725, 0.3686
CMYK	0.27, 0.96, 0.00, 0.37
HSL	283°, 92%, 33%
HSV	283°, 96%, 63%
XYZ	13.9802, 6.5767, 34.2508
YIQ	57.7450, 16.7220, 71.4260

# Conversions

## Conversions Part 2

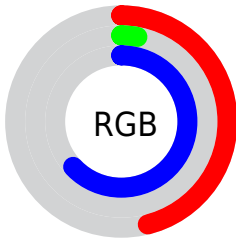
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 7, 161
Decimal	7735201
CIELab	30.82, 62.11, -55.29
CIElCh	31, 83.154, 318.325
Yxy	6.5767, 0.2551, 0.1200
Android (android.graphics.Color)	4285925281 (0xFF7607A1)
YUV	57.7450, 50.9047, 52.8436
Hunter-Lab	25.6451, 52.4288, -61.2343

# Details

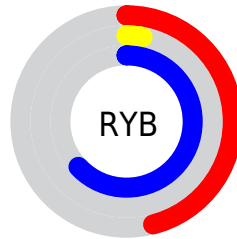
The Hex color **7607A1** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **32A107**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **AF4BD9**, and **3E006C** is the 20% darker color. If you saturate the color by 10%, you get **7400A1**, and if you desaturate by 10%, it is **7A17A1**.

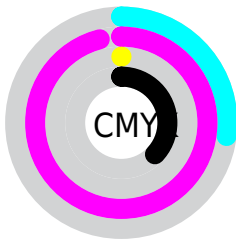
# Distribution



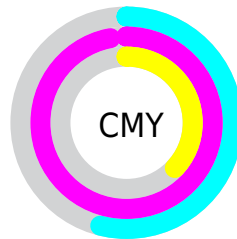
- Red (46%)
- Green (3%)
- Blue (63%)



- Red (46%)
- Yellow (3%)
- Blue (63%)



- Cyan (27%)
- Magenta (96%)
- Yellow (0%)
- Black (37%)



- Cyan (54%)
- Magenta (97%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7607A1 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 7607A1 by changing the saturation by 10% instead.



 7607A1

 7607A1

FFFFFF

 5A0086

 AF4BD9

 3E006C

 CC66F6

 250053

 E982FF

 00003B

 FF9EFF

 000224

 FFBAFF

 00000C

 FFD7FF

 000000

 FFF4FF

 7607A1

 7607A1

■ 7400A1

■ 7A17A1

■ 7F27A1

■ 8337A1

■ 8847A1

■ 8C57A1

■ 9168A1

■ 9578A1

■ 9A88A1

■ 9E98A1

# Harmonies

## Analogous

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



0045C8



7607A1



A90065

# Triad

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



7607A1



6E3D00



006070

# Complementary

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



7607A1



32A107

# 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.



005E2C



7607A1



335200

# Square

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



7607A1



990000



005A00



0060AB

# Rectangle

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



7607A1



B1003A



005A00



005F5A



# Sweetspot

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



7607A1



C094D1



0733A1



5E4469



E8E8E8



696969



# Same Dimension

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



7607A1



9700D1



A10780



4F4952



690091



0D0012



# Inverse Universe

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



A10732



D1003A



07A128



52494C



910029

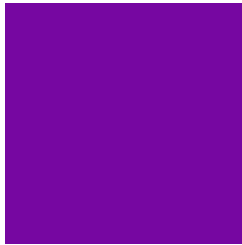


120005



# Previews

## White Background



This preview shows how the Hex color 7607A1 looks on a white background.

## Color Contrast Check

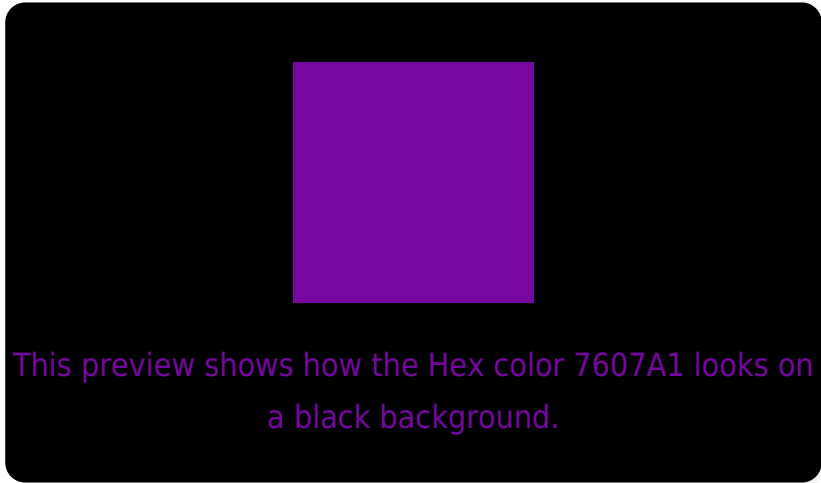
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

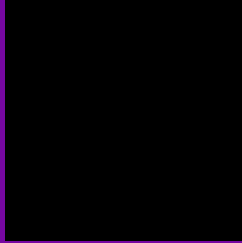
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7607A1 Background



This preview shows how black text looks on a background with the Hex color 7607A1.



This preview shows how white text looks on a background with the Hex color 7607A1.

# 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**  
7607A1

**Protanopia**  
004898

**Deuteranopia**  
004D84



**Tritanopia**  
673F44

# Trichromacy



**Original Color**  
7607A1

**Protanomaly**  
2B309B

**Deuteranomaly**  
2B348F

**Tritanomaly**  
6C2B66

# Monochromacy



**Original Color**  
7607A1

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
50275F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7607A1 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 #7607A1 looks like.

```
.text, #text, p{  
    color:#7607A1  
}
```

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 #7607A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7607A1
}
```

## Border

The CSS property to change the border of an element to Hex 7607A1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

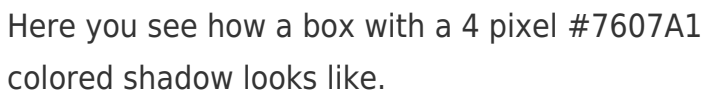
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7607A1 }
```

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

```
.border{ border-color:#7607A1 }
```

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



Here you see how a box with a 4 pixel #7607A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7607A1; -webkit-box-shadow:4px 4px  
4px 4px #7607A1; box-shadow:4px 4px 4px  
4px #7607A1 }
```

# Background

The CSS property to change the background color of an element to Hex 7607A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7607A1 }
```

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

```
.background{ background-color:#7607A1 }
```

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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