

# Converting Colors

Hex(602A7B)

Have a look what the booklet for  
Hex(602A7B) contains.

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# Color

**Hex(602A7B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	602A7B
RGB	96, 42, 123
RGB Percent	38%, 16%, 48%
CMY	0.6235, 0.8353, 0.5176
CMYK	0.22, 0.66, 0.00, 0.52
HSL	280°, 49%, 32%
HSV	280°, 66%, 48%
XYZ	9.2270, 5.5728, 19.3282
YIQ	67.3800, 6.1830, 36.6390

# Conversions

## Conversions Part 2

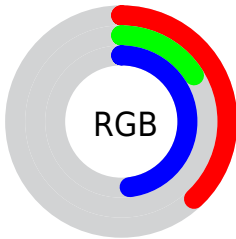
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 42, 123
Decimal	6302331
CIE <sub>Lab</sub>	28.31, 38.81, -36.01
CIE <sub>LCh</sub>	28, 52.945, 317.147
Yxy	5.5728, 0.2704, 0.1633
Android (android.graphics.Color)	4284492411 (0xFF602A7B)
YUV	67.3800, 27.4207, 25.0997
Hunter-Lab	23.6067, 28.4571, -32.0195

# Details

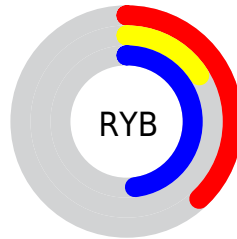
The Hex color **602A7B** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **457B2A**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **955BB0**, and **2D0049** is the 20% darker color. If you saturate the color by 10%, you get **5C1E7B**, and if you desaturate by 10%, it is **64367B**.

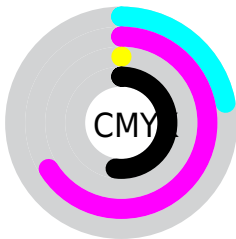
# Distribution



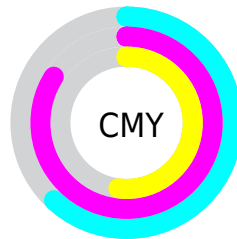
- Red (38%)
- Green (16%)
- Blue (48%)



- Red (38%)
- Yellow (16%)
- Blue (48%)



- Cyan (22%)
- Magenta (66%)
- Yellow (0%)
- Black (52%)



- Cyan (62%)
- Magenta (84%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 602A7B 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 602A7B by changing the saturation by 10% instead.



602A7B

602A7B

FFFFFF

461162

955BB0

2D0049

B175CC

190033

CD8FE8

00021C

E9AAFF

000000

FFC6FF

FFE2FF

602A7B

602A7B

5C1E7B

64367B

■ 58117B

■ 68437B

■ 54057B

■ 6C4F7B

■ 52007B

■ 705B7B

■ 75687B

■ 79747B

■ 7D807B

■ 818C7B

■ 85997B

# Harmonies

## Analogous

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



004092



602A7B



810B56

# Triad

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



602A7B



613B00



00545A

# Complementary

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



602A7B



457B2A

# 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.



00532F



602A7B



3D4800

# Square

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



602A7B



7B2503



004F00



00537E

# Rectangle

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



602A7B



88003B



004F00



00544C



# Sweetspot

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



602A7B



9681A1



2A457B



4B3E52



D1D1D1



525252



# Same Dimension

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



602A7B



7622A1



7B2A6D



3B373D



53007D



A800FC



# Inverse Universe

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



7B2A45



A1224C



2A7B37



3D3739



7D002A

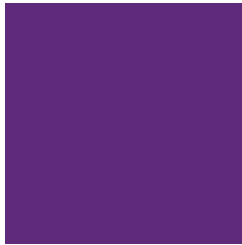


FC0054



# Previews

## White Background



This preview shows how the Hex color 602A7B looks on a white background.

## Color Contrast Check

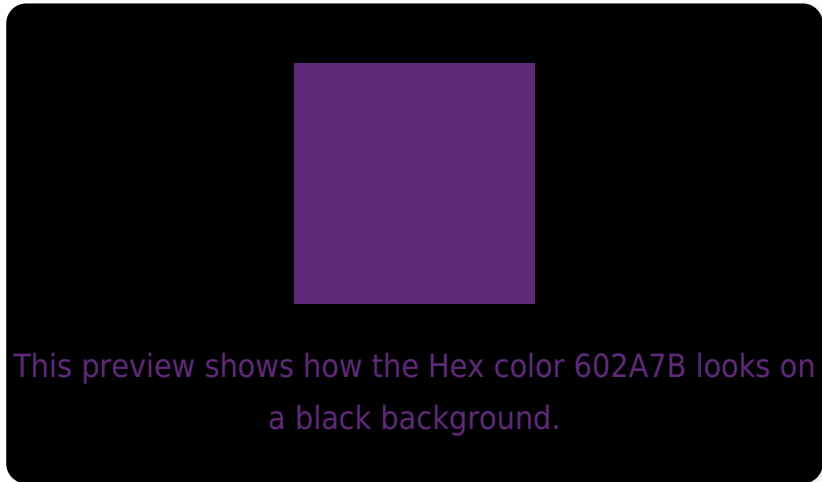
Large Text (above 18pt) WCAG AA ✓ Pass

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

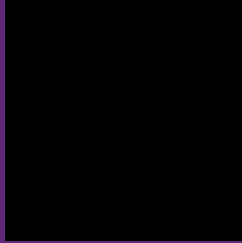
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 602A7B Background



This preview shows how black text looks on a background with the Hex color 602A7B.

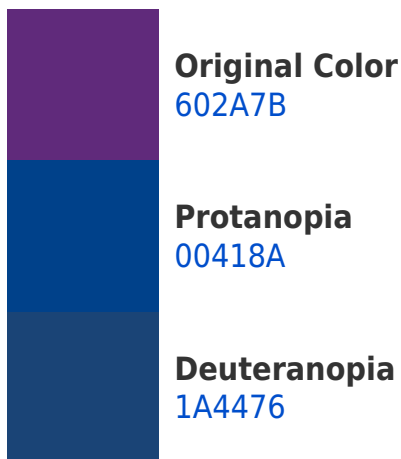


This preview shows how white text looks on a background with the Hex color 602A7B.

# 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





**Tritanopia**  
573C41

# Trichromacy



**Original Color**  
602A7B



**Protanomaly**  
233985



**Deuteranomaly**  
333B78



**Tritanomaly**  
5A3556

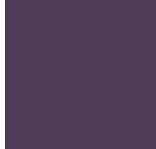
# Monochromacy



**Original Color**  
602A7B



**Achromatopsia**  
434343



**Achromatomaly**  
4E3A57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 602A7B 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 #602A7B looks like.

```
.text, #text, p{  
    color:#602A7B  
}
```

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 #602A7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #602A7B
}
```

## Border

The CSS property to change the border of an element to Hex 602A7B is called "border". The border property can be set on classes, ids or directly on the HTML element.

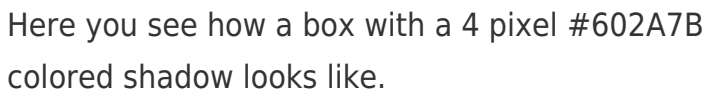
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#602A7B }
```

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

```
.border{ border-color:#602A7B }
```

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



Here you see how a box with a 4 pixel #602A7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #602A7B; -webkit-box-shadow:4px 4px  
4px 4px #602A7B; box-shadow:4px 4px 4px  
4px #602A7B }
```

# Background

The CSS property to change the background color of an element to Hex 602A7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#602A7B }
```

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

```
.background{ background-color:#602A7B }
```

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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