

Converting Colors

Hex(623C7C)

Have a look what the booklet for
Hex(623C7C) contains.

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Color

Hex(623C7C)

Conversions

Conversions Part 1

Format	Color
Hex	623C7C
RGB	98, 60, 124
RGB Percent	38%, 24%, 49%
CMY	0.6157, 0.7647, 0.5137
CMYK	0.21, 0.52, 0.00, 0.51
HSL	276°, 35%, 36%
HSV	276°, 52%, 49%
XYZ	10.2910, 7.2836, 19.9323
YIQ	78.6580, 2.1040, 27.9600

Conversions

Conversions Part 2

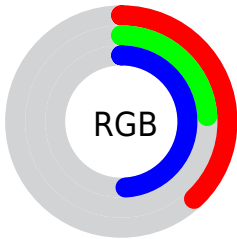
Format	Color
R_{YB}	98, 60, 124
Decimal	6438012
CIE _{Lab}	32.44, 29.50, -30.04
CIE _{LCh}	32, 42.100, 314.483
Yxy	7.2836, 0.2744, 0.1942
Android (android.graphics.Color)	4284628092 (0xFF623C7C)
YUV	78.6580, 22.3536, 16.9629
Hunter-Lab	26.9882, 20.8351, -24.8972

Details

The Hex color **623C7C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **567C3C**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **966DB1**, and **310E4B** is the 20% darker color. If you saturate the color by 10%, you get **5D307C**, and if you desaturate by 10%, it is **67487C**.

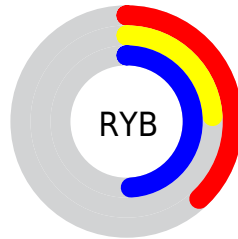
Distribution



Red (38%)

Green (24%)

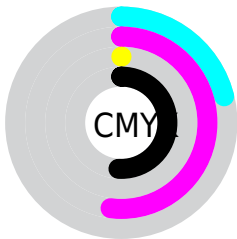
Blue (49%)



Red (38%)

Yellow (24%)

Blue (49%)

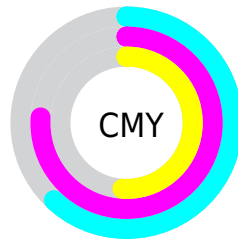


Cyan (21%)

Magenta (52%)

Yellow (0%)

Black (51%)



Cyan (62%)

Magenta (76%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 623C7C 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 623C7C by changing the saturation by 10% instead.

 623C7C

 623C7C

FFFFFF

 492563

 966DB1

 310E4B

 B186CD

 1C0034

 CDA1E9

 00021E

 EABCFF

 000000

 FFD8FF

 FFF5FF

 623C7C

 623C7C

 5D307C

 67487C

■ 58237C

■ 6C557C

■ 53177C

■ 71617C

■ 4E0A7C

■ 766E7C

■ 4A007C

■ 7B7A7C

■ 80867C

■ 85937C

■ 8A9F7C

■ 8FAC7C

Harmonies

Analogous

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



244B8D



623C7C



7F2E5F

Triad

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



623C7C



6A4403



005C5C

Complementary

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



623C7C



567C3C

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.



005B39



623C7C



4D5000

Square

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



623C7C



7F361F



265719



005A7A

Rectangle

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



623C7C



872A49



265719



005C50

Sweetspot

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



623C7C



9789A1



3C577C



4C4352



D1D1D1



525252

Same Dimension

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



623C7C



783DA1



7C3C77



3B373D



4A007D



9600FC

Inverse Universe

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



7C3C56



A13D66



3C7C41



3D373A



7D0033



FC0067

Previews

White Background



This preview shows how the Hex color 623C7C looks on a white background.

Color Contrast Check

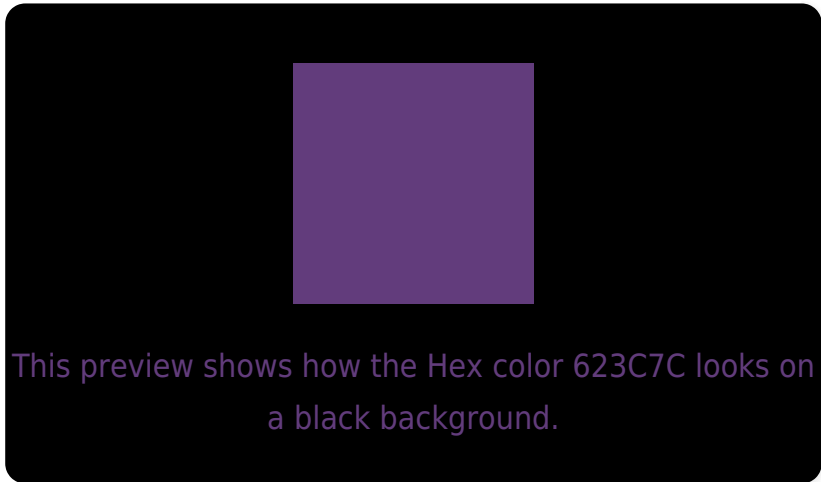
Large Text (above 18pt) WCAG AA ✓ Pass

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

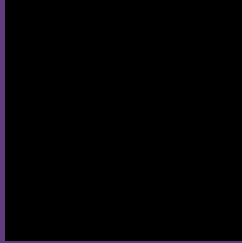
Any Text WCAG AA × Fail

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 623C7C Background



This preview shows how black text looks on a background with the Hex color 623C7C.

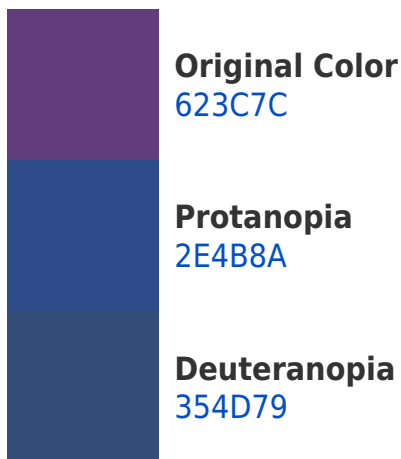


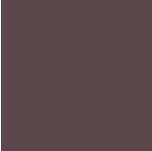
This preview shows how white text looks on a background with the Hex color 623C7C.

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
5A484D

Trichromacy



Original Color
623C7C

Protanomaly
414685

Deuteranomaly
45477A

Tritanomaly
5D445E

Monochromacy



Original Color
623C7C

Achromatopsia
4F4F4F

Achromatomaly
56485F

CSS Examples

Text

The CSS property to change the color of the text to Hex 623C7C 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 #623C7C looks like.

```
.text, #text, p{  
    color:#623C7C  
}
```

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 #623C7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #623C7C
}
```

Border

The CSS property to change the border of an element to Hex 623C7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

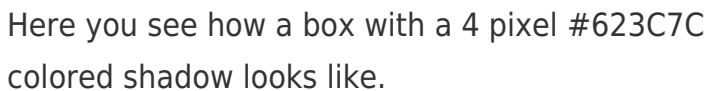
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#623C7C }
```

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

```
.border{ border-color:#623C7C }
```

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



Here you see how a box with a 4 pixel #623C7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #623C7C; -webkit-box-shadow:4px 4px  
4px 4px #623C7C; box-shadow:4px 4px 4px  
4px #623C7C }
```

Background

The CSS property to change the background color of an element to Hex 623C7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#623C7C }
```

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

```
.background{ background-color:#623C7C }
```

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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