

Converting Colors

Hex(623B80)

Have a look what the booklet for
Hex(623B80) contains.

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Color

Hex(623B80)

Conversions

Conversions Part 1

Format	Color
Hex	623B80
RGB	98, 59, 128
RGB Percent	38%, 23%, 50%
CMY	0.6157, 0.7686, 0.4980
CMYK	0.23, 0.54, 0.00, 0.50
HSL	274°, 37%, 37%
HSV	274°, 54%, 50%
XYZ	10.4972, 7.2831, 21.2746
YIQ	78.5270, 1.0950, 29.7270

Conversions

Conversions Part 2

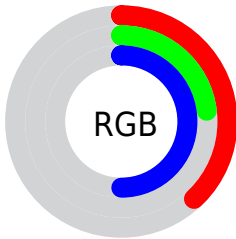
Format	Color
RYB	98, 59, 128
Decimal	6437760
CIELab	32.44, 31.09, -32.53
CIElCh	32, 44.997, 313.698
Yxy	7.2831, 0.2688, 0.1865
Android (android.graphics.Color)	4284627840 (0xFF623B80)
YUV	78.5270, 24.3902, 17.0778
Hunter-Lab	26.9872, 22.2036, -27.8484

Details

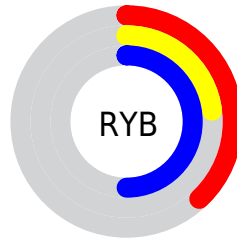
The Hex color **623B80** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **59803B**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **976CB5**, and **300D4E** is the 20% darker color. If you saturate the color by 10%, you get **5C2E80**, and if you desaturate by 10%, it is **684880**.

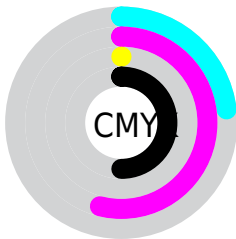
Distribution



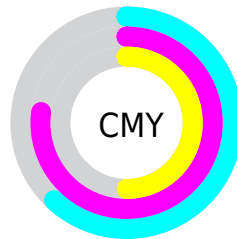
- Red (38%)
- Green (23%)
- Blue (50%)



- Red (38%)
- Yellow (23%)
- Blue (50%)



- Cyan (23%)
- Magenta (54%)
- Yellow (0%)
- Black (50%)



- Cyan (62%)
- Magenta (77%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 623B80 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 623B80 by changing the saturation by 10% instead.

 623B80

 623B80

FFFFFF

 492467

 976CB5

 300D4E

 B285D1

 1B0037

 CEA0ED

 000221

 EABBF

 000006

 FFD7FF

 000000

 FFF4FF

 623B80

 623B80

 5C2E80

 684880

■ 572180

■ 6D5580

■ 511580

■ 736180

■ 4C0880

■ 786E80

■ 480080

■ 7E7B80

■ 838880

■ 899580

■ 8FA180

■ 94AE80

Harmonies

Analogous

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



174B92



623B80



822B61

Triad

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



623B80



6C4400



005C5C

Complementary

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



623B80



59803B

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.



005B37



623B80



4E5000

Square

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



623B80



82341C



245713



005B7D

Rectangle

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



623B80



8A2649



245713



005C50

Sweetspot

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



623B80



9A8BA6



3B5A80



4D4454



D4D4D4



545454

Same Dimension

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



623B80



773AA6



803B7D



3D3940



480080



000000

Inverse Universe

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



803B59



A63A69



3B803E



40393C



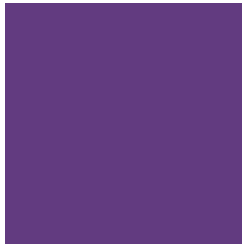
800037



000000

Previews

White Background



This preview shows how the Hex color 623B80 looks on a white background.

Color Contrast Check

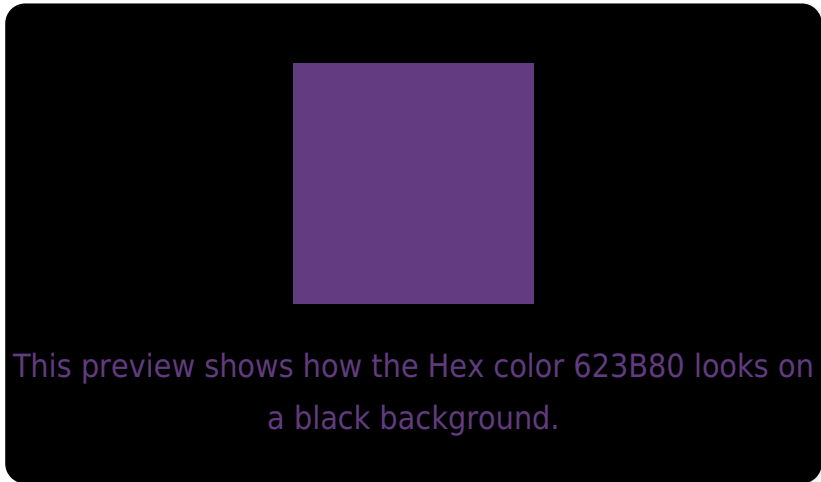
Large Text (above 18pt) WCAG AA ✓ Pass

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

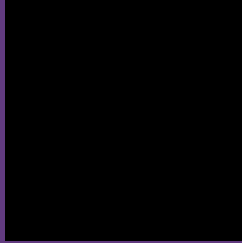
Any Text WCAG AA × Fail

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 623B80 Background



This preview shows how black text looks on a background with the Hex color 623B80.

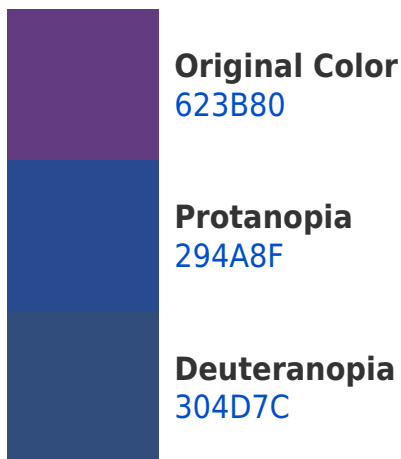



This preview shows how white text looks on a background with the Hex color 623B80.

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
59484D

Trichromacy



Original Color
623B80

Protanomaly
3E458A

Deuteranomaly
42467D

Tritanomaly
5C4360

Monochromacy



Original Color
623B80

Achromatopsia
4F4F4F

Achromatomaly
564861

CSS Examples

Text

The CSS property to change the color of the text to Hex 623B80 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 #623B80 looks like.

```
.text, #text, p{  
    color:#623B80  
}
```

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 #623B80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #623B80
}
```

Border

The CSS property to change the border of an element to Hex 623B80 is called "border". The border property can be set on classes, ids or directly on the HTML element.

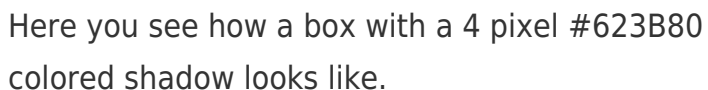
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#623B80 }
```

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

```
.border{ border-color:#623B80 }
```

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



Here you see how a box with a 4 pixel #623B80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #623B80; -webkit-box-shadow:4px 4px  
4px 4px #623B80; box-shadow:4px 4px 4px  
4px #623B80 }
```

Background

The CSS property to change the background color of an element to Hex 623B80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#623B80 }
```

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

```
.background{ background-color:#623B80 }
```

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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