

# Converting Colors

Hex(623BAB)

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

<b>Hex(623BAB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(623BAB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	623BAB
RGB	98, 59, 171
RGB Percent	38%, 23%, 67%
CMY	0.6157, 0.7686, 0.3294
CMYK	0.43, 0.65, 0.00, 0.33
HSL	261°, 49%, 45%
HSV	261°, 65%, 67%
XYZ	13.9517, 8.6649, 39.4652
YIQ	83.4290, -12.7080, 43.1000

# Conversions

## Conversions Part 2

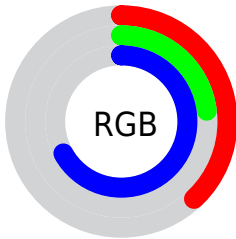
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 59, 171
Decimal	6437803
CIELab	35.33, 42.50, -54.10
CIELCh	35, 68.795, 308.154
Yxy	8.6649, 0.2247, 0.1396
Android (android.graphics.Color)	4284627883 (0xFF623BAB)
YUV	83.4290, 43.1725, 12.7788
Hunter-Lab	29.4362, 33.0891, -58.8851

# Details

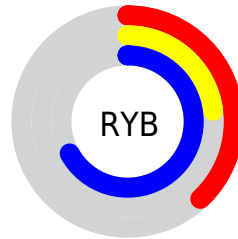
The Hex color **623BAB** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **84AB3B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **9A6DE3**, and **290976** is the 20% darker color. If you saturate the color by 10%, you get **572AAB**, and if you desaturate by 10%, it is **6D4CAB**.

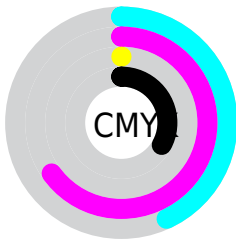
# Distribution



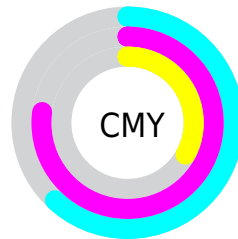
- Red (38%)
- Green (23%)
- Blue (67%)



- Red (38%)
- Yellow (23%)
- Blue (67%)



- Cyan (43%)
- Magenta (65%)
- Yellow (0%)
- Black (33%)



- Cyan (62%)
- Magenta (77%)
- Yellow (33%)

# Brightness & Saturation Gradients

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



623BAB

623BAB

FFFFFF

462390

9A6DE3

290976

B687FF

00005C

D3A1FF

000044

F0BDFE

00032D

FFD9FF

000117

FFF6FF

000000

623BAB

623BAB

572AAB

6D4CAB

■ 4C19AB

■ 785DAB

■ 4108AB

■ 836EAB

■ 3C00AB

■ 8F7FAB

■ 9A90AB

■ A5A2AB

■ B0B3AB

■ BBC4AB

■ C6D5AB

# Harmonies

## Analogous

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



0056C2



623BAB



9D017D

# Triad

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



623BAB



864000



006961

# Complementary

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



623BAB



84AB3B

# 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.



006726



623BAB



595600

# Square

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



623BAB



A51810



106100



006997

# Rectangle

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



623BAB



AD0059



106100



00694E



# Sweetspot

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



623BAB



C1B1DE



3B86AB



5F5570



F0F0F0



707070



# Same Dimension

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



623BAB



6C2FDE



983BAB



514E57



340096



080017



# Inverse Universe

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



AB3B84



DE2FA1



4EAB3B



574E54



960062

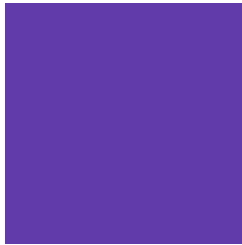


17000F



# Previews

## White Background



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

## Color Contrast Check

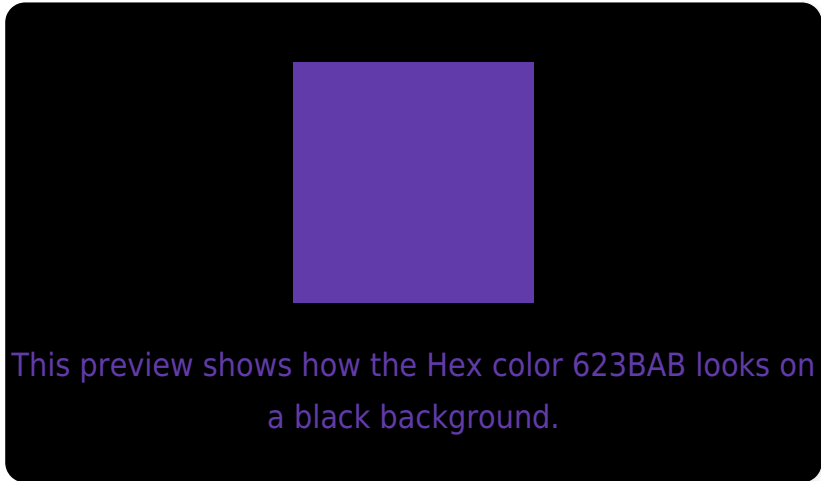
Large Text (above 18pt) WCAG AA ✓ Pass

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

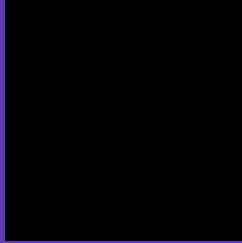
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 623BAB Background



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

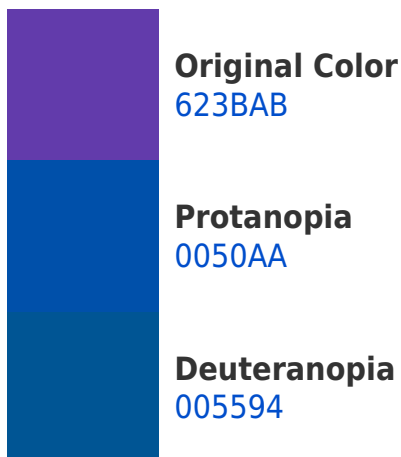



This preview shows how white text looks on a background with the Hex color 623BAB.

# 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**  
4F545A

# Trichromacy



**Original Color**  
623BAB



**Protanomaly**  
2448AA



**Deuteranomaly**  
244C9C



**Tritanomaly**  
564B77

# Monochromacy



**Original Color**  
623BAB



**Achromatopsia**  
535353



**Achromatomaly**  
584A73

# CSS Examples

## Text

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

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

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 #623BAB colored shadow looks like.

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

## Border

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

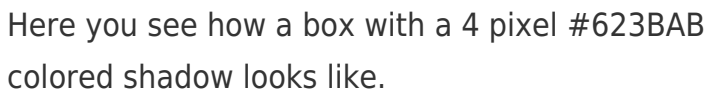
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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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