

Converting Colors

Hex(683A9B)

Have a look what the booklet for
Hex(683A9B) contains.

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Color

Hex(683A9B)

Conversions

Conversions Part 1

Format	Color
Hex	683A9B
RGB	104, 58, 155
RGB Percent	41%, 23%, 61%
CMY	0.5922, 0.7725, 0.3922
CMYK	0.33, 0.63, 0.00, 0.39
HSL	268°, 46%, 42%
HSV	268°, 63%, 61%
XYZ	13.1384, 8.3357, 31.9268
YIQ	82.8120, -3.7210, 39.9190

Conversions

Conversions Part 2

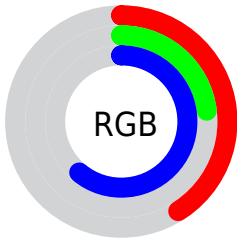
Format	Color
R_{YB}	104, 58, 155
Decimal	6830747
CIE _{Lab}	34.67, 40.11, -45.50
CIE _{LCh}	35, 60.658, 311.395
Yxy	8.3357, 0.2460, 0.1561
Android (android.graphics.Color)	4285020827 (0xFF683A9B)
YUV	82.8120, 35.5887, 18.5819
Hunter-Lab	28.8717, 30.7030, -45.3539

Details

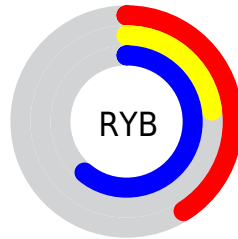
The Hex color **683A9B** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6D9B3A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **9E6CD2**, and **330867** is the 20% darker color. If you saturate the color by 10%, you get **602A9B**, and if you desaturate by 10%, it is **70499B**.

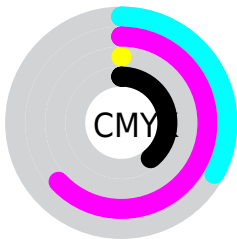
Distribution



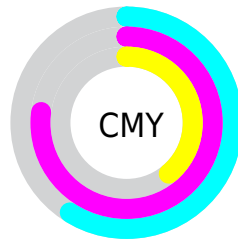
- Red (41%)
- Green (23%)
- Blue (61%)



- Red (41%)
- Yellow (23%)
- Blue (61%)



- Cyan (33%)
- Magenta (63%)
- Yellow (0%)
- Black (39%)



- Cyan (59%)
- Magenta (77%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 683A9B 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 683A9B by changing the saturation by 10% instead.

683A9B

683A9B

FFFFFF

4D2281

9E6CD2

330867

BA86EF

18004E

D7A0FF

000037

F4BCFF

000220

FFD8FF

000004

FFF4FF

000000

683A9B

683A9B

602A9B

70499B

■ 581B9B

■ 78599B

■ 500B9B

■ 80689B

■ 4A009B

■ 89789B

■ 91879B

■ 99979B

■ A1A79B

■ A9B69B

■ B1C59B

Harmonies

Analogous

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



0052B2



683A9B



961772

Triad

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



683A9B



7C4400



006663

Complementary

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



683A9B



6D9B3A

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.



006430



683A9B



545500

Square

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



683A9B



992812



135F00



006591

Rectangle

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



683A9B



A30052



135F00



006553

Sweetspot

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



683A9B



B5A3C9



3A6E9B



5A4F66



E6E6E6



666666

Same Dimension

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



683A9B



7A32C9



983A9B



48454D



43008C



06000D

Inverse Universe

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



9B3A6D



C93282



3D9B3A



4D4549



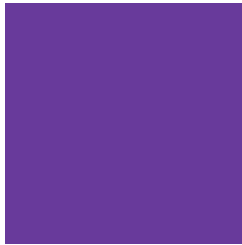
8C004A



0D0007

Previews

White Background



This preview shows how the Hex color 683A9B 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

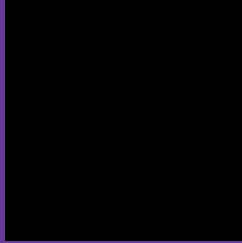
Any Text WCAG AA × Fail

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 683A9B Background



This preview shows how black text looks on a background with the Hex color 683A9B.

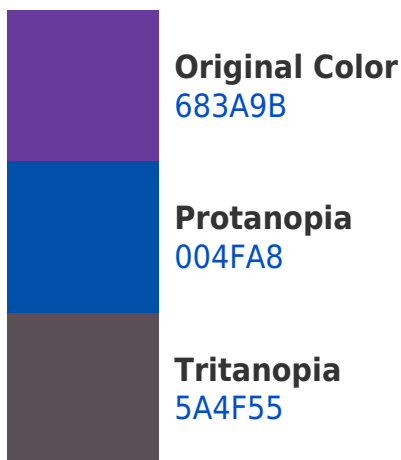


This preview shows how white text looks on a background with the Hex color 683A9B.

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



Trichromacy



Original Color
683A9B

Protanomaly
2647A3

Tritanomaly
5F476E

Monochromacy



Original Color
683A9B

Achromatopsia
535353

Achromatomaly
5B4A6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 683A9B 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 #683A9B looks like.

```
.text, #text, p{  
    color:#683A9B  
}
```

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 #683A9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683A9B
}
```

Border

The CSS property to change the border of an element to Hex 683A9B 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
#683A9B }
```

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

```
.border{ border-color:#683A9B }
```

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

Here you see how a box with a 4 pixel #683A9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683A9B; -webkit-box-shadow:4px 4px  
4px 4px #683A9B; box-shadow:4px 4px 4px  
4px #683A9B }
```

Background

The CSS property to change the background color of an element to Hex 683A9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683A9B }
```

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

```
.background{ background-color:#683A9B }
```

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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