

Converting Colors

Hex(682A8B)

Have a look what the booklet for
Hex(682A8B) contains.

Hex(682A8B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(682A8B)

Conversions

Conversions Part 1

Format	Color
Hex	682A8B
RGB	104, 42, 139
RGB Percent	41%, 16%, 55%
CMY	0.5922, 0.8353, 0.4549
CMYK	0.25, 0.70, 0.00, 0.45
HSL	278°, 54%, 35%
HSV	278°, 70%, 55%
XYZ	11.1971, 6.4631, 25.0834
YIQ	71.5960, 5.8150, 43.3110

Conversions

Conversions Part 2

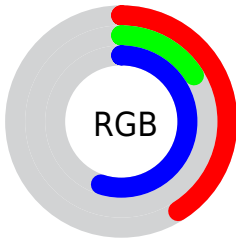
Format	Color
RYB	104, 42, 139
Decimal	6826635
CIELab	30.55, 44.45, -42.34
CIElCh	31, 61.392, 316.394
Yxy	6.4631, 0.2620, 0.1512
Android (android.graphics.Color)	4285016715 (0xFF682A8B)
YUV	71.5960, 33.2302, 28.4183
Hunter-Lab	25.4226, 34.1289, -40.7033

Details

The Hex color **682A8B** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4D8B2A**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **9E5CC1**, and **340058** is the 20% darker color. If you saturate the color by 10%, you get **631C8B**, and if you desaturate by 10%, it is **6D388B**.

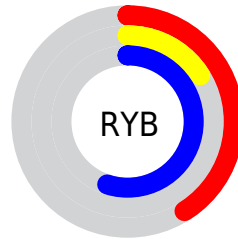
Distribution



Red (41%)

Green (16%)

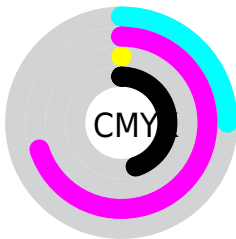
Blue (55%)



Red (41%)

Yellow (16%)

Blue (55%)

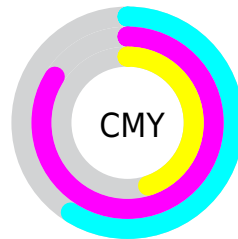


Cyan (25%)

Magenta (70%)

Yellow (0%)

Black (45%)



Cyan (59%)

Magenta (84%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 682A8B 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 682A8B by changing the saturation by 10% instead.

682A8B

682A8B

FFFFFF

4E0E71

9E5CC1

340058

BA76DD

1E0040

D791FA

000029

F4ACFF

000113

FFC8FF

000000

FFE4FF

682A8B

682A8B

631C8B

6D388B

■ 5E0E8B

■ 72468B

■ 59008B

■ 77548B

■ 7C628B

■ 816F8B

■ 867D8B

■ 8B8B8B

■ 90998B

■ 95A78B

Harmonies

Analogous

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



0045A6



682A8B



900060

Triad

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



682A8B



6B3E00



005B62

Complementary

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



682A8B



4D8B2A

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.



005A30



682A8B



414E00

Square

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



682A8B



892200



005600



005A8D

Rectangle

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



682A8B



980040



005600



005B51

Sweetspot

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



682A8B



A78FB5



2A4E8B



54455C



DBDBDB



5C5C5C

Same Dimension

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



682A8B



7E1DB5



8B2A7E



423E45



550085



030005

Inverse Universe

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



8B2A4D



B51D54



2A8B37



453E40



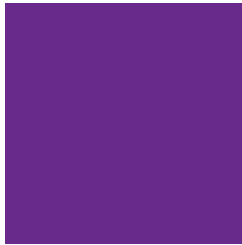
850030



050002

Previews

White Background



This preview shows how the Hex color 682A8B 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

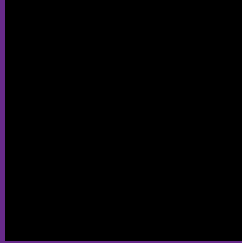
Any Text WCAG AA × Fail

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 682A8B Background



This preview shows how black text looks on a background with the Hex color 682A8B.



This preview shows how white text looks on a background with the Hex color 682A8B.

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



Original Color
682A8B

Protanopia
004695

Deuteranopia
004A83



Tritanopia
5D4146

Trichromacy



Original Color
682A8B



Protanomaly
263C91



Deuteranomaly
263E86



Tritanomaly
61395F

Monochromacy



Original Color
682A8B



Achromatopsia
484848



Achromatomaly
543D60

CSS Examples

Text

The CSS property to change the color of the text to Hex 682A8B 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 #682A8B looks like.

```
.text, #text, p{  
    color:#682A8B  
}
```

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 #682A8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #682A8B
}
```

Border

The CSS property to change the border of an element to Hex 682A8B 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".

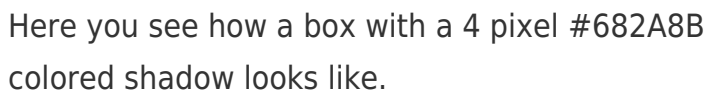
```
.border, #border, table{ border:4px solid
#682A8B }
```

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

```
.border{ border-color:#682A8B }
```

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

Here you see how a box with a 4 pixel #682A8B colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #682A8B; -webkit-box-shadow:4px 4px  
4px 4px #682A8B; box-shadow:4px 4px 4px  
4px #682A8B }
```

Background

The CSS property to change the background color of an element to Hex 682A8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#682A8B }
```

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

```
.background{ background-color:#682A8B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor