

Converting Colors

Hex(682F79)

Have a look what the booklet for
Hex(682F79) contains.

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Color

Hex(682F79)

Conversions

Conversions Part 1

Format	Color
Hex	682F79
RGB	104, 47, 121
RGB Percent	41%, 18%, 47%
CMY	0.5922, 0.8157, 0.5255
CMYK	0.14, 0.61, 0.00, 0.53
HSL	286°, 44%, 33%
HSV	286°, 61%, 47%
XYZ	10.1766, 6.3566, 18.7797
YIQ	72.4790, 10.2180, 35.0980

Conversions

Conversions Part 2

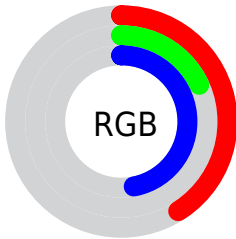
Format	Color
RYB	104, 47, 121
Decimal	6827897
CIELab	30.29, 37.88, -31.51
CIElCh	30, 49.271, 320.243
Yxy	6.3566, 0.2882, 0.1800
Android (android.graphics.Color)	4285017977 (0xFF682F79)
YUV	72.4790, 23.9209, 27.6439
Hunter-Lab	25.2122, 27.9281, -26.5146

Details

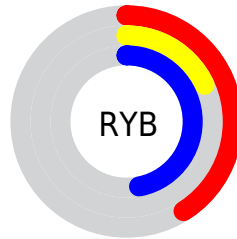
The Hex color **682F79** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **40792F**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **9D60AE**, and **360048** is the 20% darker color. If you saturate the color by 10%, you get **652379**, and if you desaturate by 10%, it is **6B3B79**.

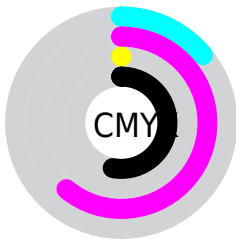
Distribution



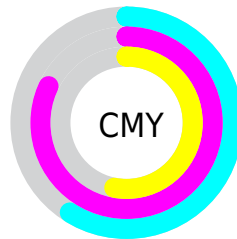
- Red (41%)
- Green (18%)
- Blue (47%)



- Red (41%)
- Yellow (18%)
- Blue (47%)



- Cyan (14%)
- Magenta (61%)
- Yellow (0%)
- Black (53%)



- Cyan (59%)
- Magenta (82%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 682F79 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 682F79 by changing the saturation by 10% instead.

682F79

682F79

FFFFFF

4F1660

9D60AE

360048

B97AC9

220031

D594E6

00011B

F2B0FF

000000

FFCBFF

FFE8FF

682F79

682F79

652379

6B3B79

■ 621779

■ 6E4779

■ 600B79

■ 705379

■ 5D0079

■ 735F79

■ 766B79

■ 797879

■ 7B8479

■ 7E9079

■ 819C79

Harmonies

Analogous

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



234390



682F79



841A56

Triad

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



682F79



624100



005861

Complementary

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



682F79



40792F

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.



005739



682F79



3F4D00

Square

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



682F79



7C2F09



005410



005682

Rectangle

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



682F79



8A173C



005410



005854

Sweetspot

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



682F79



98829E



2F4079



4B3E4F



CFCFCF



4F4F4F

Same Dimension

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



682F79



842B9E



792F65



3C373D



60007D



C200FC

Inverse Universe

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



792F40



9E2B45



2F7943



3D3738



7D001D



FC003A

Previews

White Background



This preview shows how the Hex color 682F79 looks on a white background.

Color Contrast Check

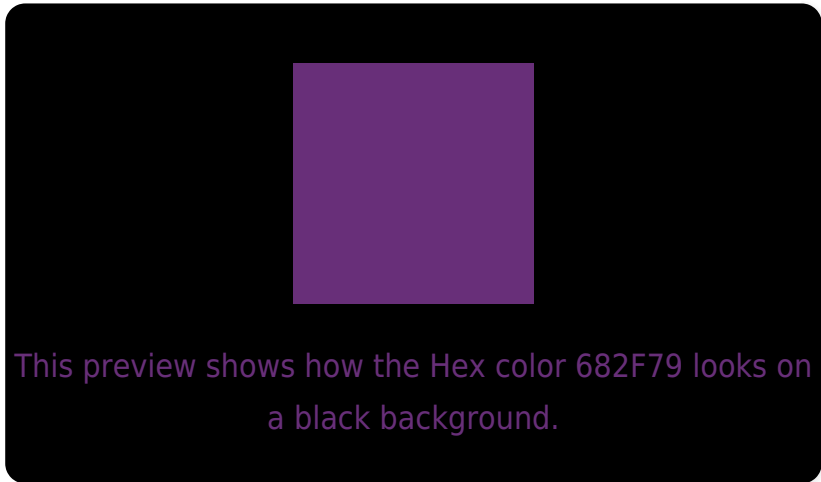
Large Text (above 18pt) WCAG AA ✓ Pass

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

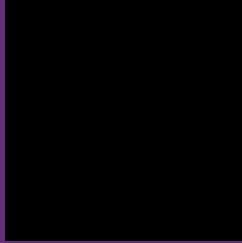
Any Text WCAG AA × Fail

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 682F79 Background



This preview shows how black text looks on a background with the Hex color 682F79.

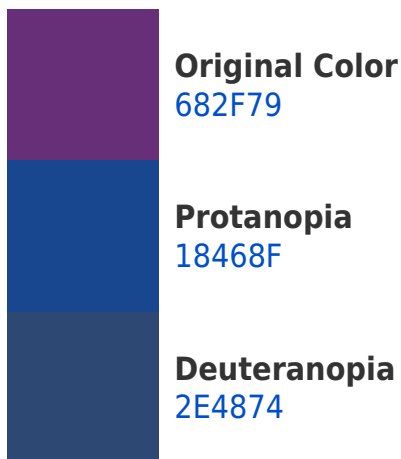


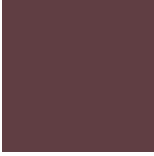
This preview shows how white text looks on a background with the Hex color 682F79.

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
603E43

Trichromacy



Original Color
682F79



Protanomaly
353E87



Deuteranomaly
433F76



Tritanomaly
633957

Monochromacy



Original Color
682F79



Achromatopsia
484848



Achromatomaly
543F5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 682F79 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 #682F79 looks like.

```
.text, #text, p{  
    color:#682F79  
}
```

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 #682F79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #682F79
}
```

Border

The CSS property to change the border of an element to Hex 682F79 is called "border". The border property can be set on classes, ids or directly on the HTML element.

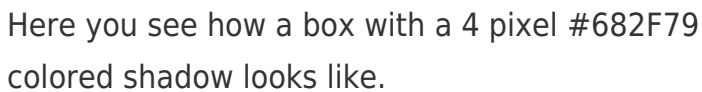
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#682F79 }
```

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

```
.border{ border-color:#682F79 }
```

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



Here you see how a box with a 4 pixel #682F79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #682F79; -webkit-box-shadow:4px 4px  
4px 4px #682F79; box-shadow:4px 4px 4px  
4px #682F79 }
```

Background

The CSS property to change the background color of an element to Hex 682F79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#682F79 }
```

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

```
.background{ background-color:#682F79 }
```

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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