

Converting Colors

Hex(681C7A)

Have a look what the booklet for
Hex(681C7A) contains.

Hex(681C7A)	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(681C7A)

Conversions

Conversions Part 1

Format	Color
Hex	681C7A
RGB	104, 28, 122
RGB Percent	41%, 11%, 48%
CMY	0.5922, 0.8902, 0.5216
CMYK	0.15, 0.77, 0.00, 0.52
HSL	289°, 63%, 29%
HSV	289°, 77%, 48%
XYZ	9.6370, 5.1787, 18.9040
YIQ	61.4400, 15.1220, 45.3460

Conversions

Conversions Part 2

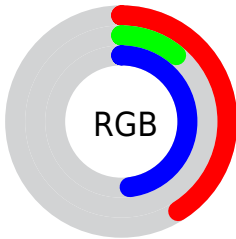
Format	Color
RYB	104, 28, 122
Decimal	6823034
CIELab	27.24, 46.78, -37.03
CIElCh	27, 59.660, 321.640
Yxy	5.1787, 0.2858, 0.1536
Android (android.graphics.Color)	4285013114 (0xFF681C7A)
YUV	61.4400, 29.8561, 37.3251
Hunter-Lab	22.7568, 35.7668, -33.3224

Details

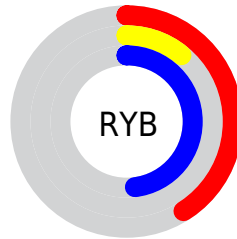
The Hex color **681C7A** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2E7A1C**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **9E51AF**, and **340048** is the 20% darker color. If you saturate the color by 10%, you get **66107A**, and if you desaturate by 10%, it is **6A287A**.

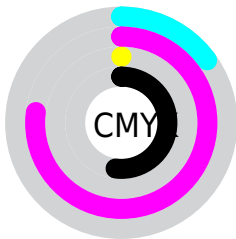
Distribution



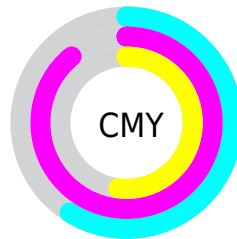
- Red (41%)
- Green (11%)
- Blue (48%)



- Red (41%)
- Yellow (11%)
- Blue (48%)



- Cyan (15%)
- Magenta (77%)
- Yellow (0%)
- Black (52%)



- Cyan (59%)
- Magenta (89%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 681C7A 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 681C7A by changing the saturation by 10% instead.

 681C7A

 681C7A

FFFFFF

 4E0061

 9E51AF

 340048

 BA6BCB

 1E0032

 D785E7

 00011B

 F4A0FF

 000000

 FFBCFF

 FFD8FF

 FFF5FF

 681C7A

 681C7A

■ 66107A

■ 6A287A

■ 63047A

■ 6D347A

■ 63007A

■ 6F417A

■ 714D7A

■ 74597A

■ 76657A

■ 78717A

■ 7B7E7A

■ 7D8A7A

Harmonies

Analogous

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



003A97



681C7A



88004F

Triad

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



681C7A



5A3A00



005361

Complementary

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



681C7A



2E7A1C

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.



005232



681C7A



304800

Square

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



681C7A



7A2100



004F00



005188

Rectangle

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



681C7A



8D0031



004F00



005252

Sweetspot

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



681C7A



977A9E



1C2F7A



4B394F



CFCFCF



4F4F4F

Same Dimension

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



681C7A



820D9E



7A1C5E



3C373D



65007D



CC00FC

Inverse Universe

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



7A1C2E



9E0D29



1C7A38



3D3738



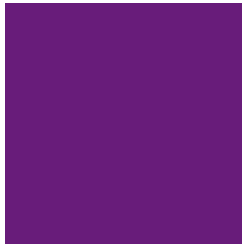
7D0018



FC0030

Previews

White Background



This preview shows how the Hex color 681C7A looks on a white background.

Color Contrast Check

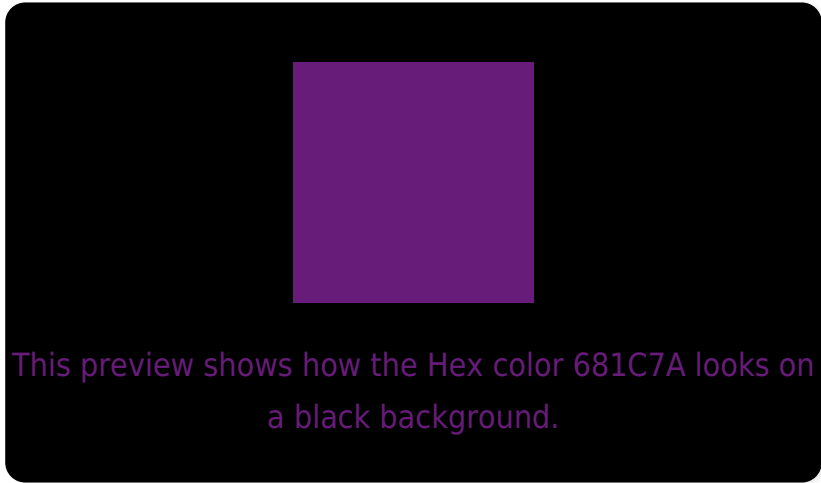
Large Text (above 18pt) WCAG AA ✓ Pass

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

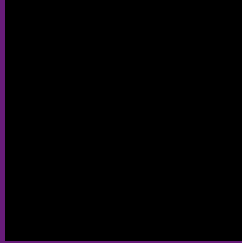
Any Text WCAG AA × Fail

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 681C7A Background



This preview shows how black text looks on a background with the Hex color 681C7A.



This preview shows how white text looks on a background with the Hex color 681C7A.

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
5F3539

Trichromacy



Original Color
681C7A



Protanomaly
263282



Deuteranomaly
343576



Tritanomaly
622C51

Monochromacy



Original Color
681C7A



Achromatopsia
3D3D3D



Achromatomaly
4D3153

CSS Examples

Text

The CSS property to change the color of the text to Hex 681C7A 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 #681C7A looks like.

```
.text, #text, p{  
    color:#681C7A  
}
```

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 #681C7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #681C7A
}
```

Border

The CSS property to change the border of an element to Hex 681C7A is called "border". The border property can be set on classes, ids or directly on the HTML element.

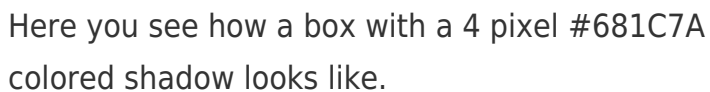
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#681C7A }
```

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

```
.border{ border-color:#681C7A }
```

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



Here you see how a box with a 4 pixel #681C7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #681C7A; -webkit-box-shadow:4px 4px  
4px 4px #681C7A; box-shadow:4px 4px 4px  
4px #681C7A }
```

Background

The CSS property to change the background color of an element to Hex 681C7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#681C7A }
```

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

```
.background{ background-color:#681C7A }
```

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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