

Converting Colors

Hex(681F9C)

Have a look what the booklet for
Hex(681F9C) contains.

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Color

Hex(681F9C)

Conversions

Conversions Part 1

Format	Color
Hex	681F9C
RGB	104, 31, 156
RGB Percent	41%, 12%, 61%
CMY	0.5922, 0.8784, 0.3882
CMYK	0.33, 0.80, 0.00, 0.39
HSL	275°, 67%, 37%
HSV	275°, 80%, 61%
XYZ	12.1997, 6.3233, 32.0300
YIQ	67.0770, 3.3830, 54.3510

Conversions

Conversions Part 2

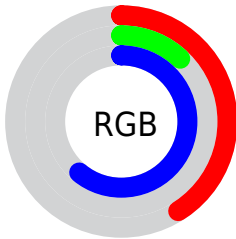
Format	Color
RYB	104, 31, 156
Decimal	6823836
CIELab	30.21, 53.02, -53.33
CIELCh	30, 75.203, 314.830
Yxy	6.3233, 0.2413, 0.1251
Android (android.graphics.Color)	4285013916 (0xFF681F9C)
YUV	67.0770, 43.8390, 32.3815
Hunter-Lab	25.1462, 42.5931, -57.9183

Details

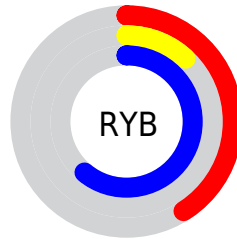
The Hex color **681F9C** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **539C1F**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **A055D3**, and **300068** is the 20% darker color. If you saturate the color by 10%, you get **620F9C**, and if you desaturate by 10%, it is **6E2F9C**.

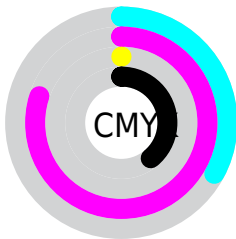
Distribution



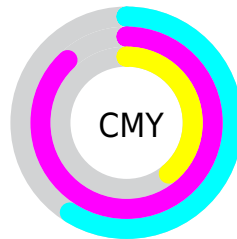
- Red (41%)
- Green (12%)
- Blue (61%)



- Red (41%)
- Yellow (12%)
- Blue (61%)



- Cyan (33%)
- Magenta (80%)
- Yellow (0%)
- Black (39%)



- Cyan (59%)
- Magenta (88%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 681F9C 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 681F9C by changing the saturation by 10% instead.

681F9C

681F9C

FFFFFF

4D0081

A055D3

300068

BC6FF0

18004F

D98AFF

000037

F7A5FF

000220

FFC1FF

000005

FFD0FF

000000

FFFBFF

681F9C

681F9C

620F9C

6E2F9C

5B009C

753E9C

7B4E9C

825D9C

886D9C

8F7D9C

958C9C

9C9C9C

A2AB9C

Harmonies

Analogous

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



0046BC



681F9C



9C0067

Triad

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



681F9C



703900



005D64

Complementary

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



681F9C



539C1F

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.



005B26



681F9C



3D4E00

Square

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



681F9C



950000



005700



005D9A

Rectangle

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



681F9C



A60041



005700



005C50

Sweetspot

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



681F9C



B89BCC



1F539C



5A4866



E6E6E6



666666

Same Dimension

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



681F9C



7B08CC



9C1F92



4C474F



53008F



09000F

Inverse Universe

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



9C1F53



CC085A



1F9C29



4F474A



8F003B



0F0006

Previews

White Background



This preview shows how the Hex color 681F9C looks on a white background.

Color Contrast Check

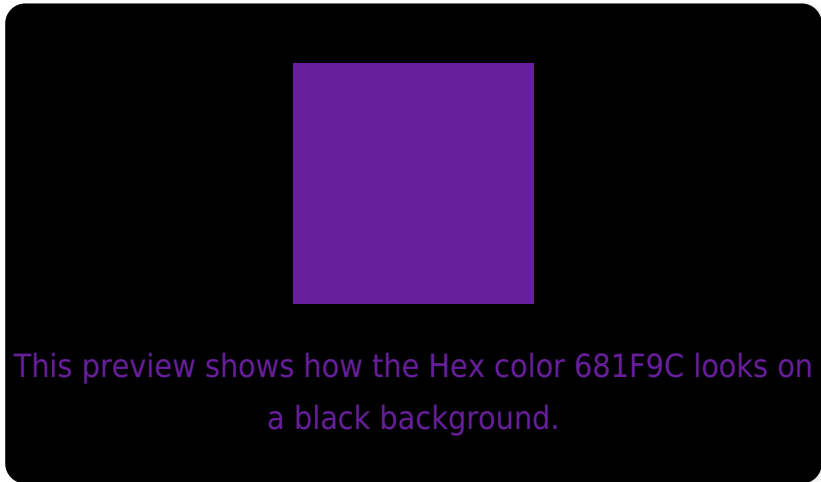
Large Text (above 18pt) WCAG AA ✓ Pass

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

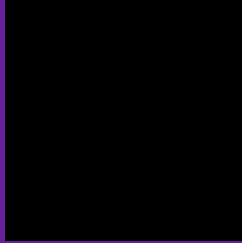
Any Text WCAG AA × Fail

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 681F9C Background



This preview shows how black text looks on a background with the Hex color 681F9C.



This preview shows how white text looks on a background with the Hex color 681F9C.

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
681F9C

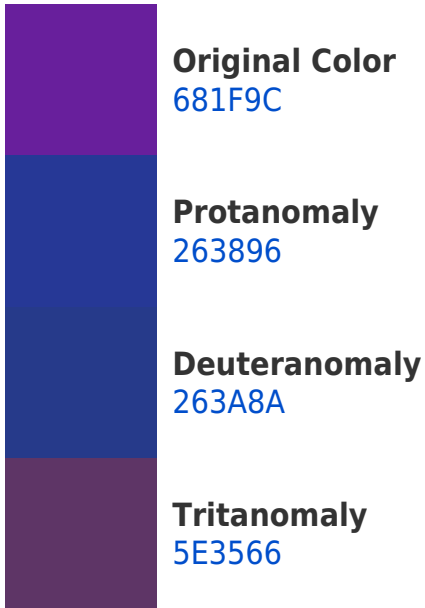
Protanopia
004693

Deuteranopia
004A7F

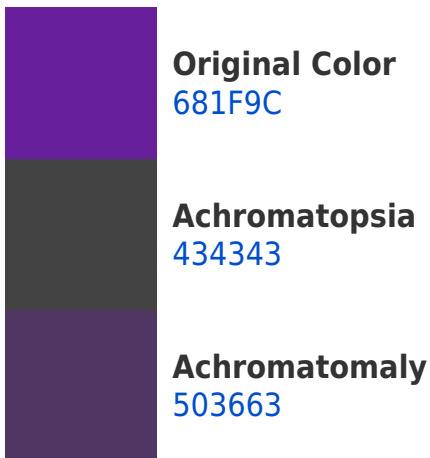


Tritanopia
584247

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 681F9C 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 #681F9C looks like.

```
.text, #text, p{  
    color:#681F9C  
}
```

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 #681F9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #681F9C
}
```

Border

The CSS property to change the border of an element to Hex 681F9C is called "border". The border property can be set on classes, ids or directly on the HTML element.

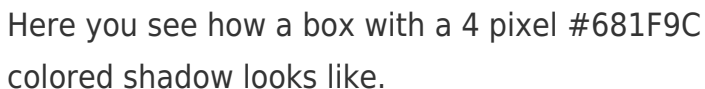
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#681F9C }
```

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

```
.border{ border-color:#681F9C }
```

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



Here you see how a box with a 4 pixel #681F9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #681F9C; -webkit-box-shadow:4px 4px  
4px 4px #681F9C; box-shadow:4px 4px 4px  
4px #681F9C }
```

Background

The CSS property to change the background color of an element to Hex 681F9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#681F9C }
```

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

```
.background{ background-color:#681F9C }
```

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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