

# Converting Colors

Hex(681D96)

Have a look what the booklet for  
Hex(681D96) contains.

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**Color**

**Hex(681D96)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	681D96
RGB	104, 29, 150
RGB Percent	41%, 11%, 59%
CMY	0.5922, 0.8863, 0.4118
CMYK	0.31, 0.81, 0.00, 0.41
HSL	277°, 68%, 35%
HSV	277°, 81%, 59%
XYZ	11.6533, 6.0238, 29.4027
YIQ	65.2190, 5.8590, 53.5310

# Conversions

## Conversions Part 2

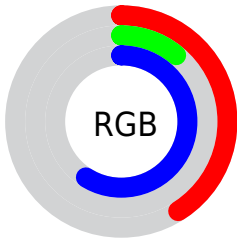
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 29, 150
Decimal	6823318
CIELab	29.47, 52.39, -50.87
CIELCh	29, 73.026, 315.843
Yxy	6.0238, 0.2475, 0.1279
Android (android.graphics.Color)	4285013398 (0xFF681D96)
YUV	65.2190, 41.7970, 34.0109
Hunter-Lab	24.5434, 41.8015, -53.8482

# Details

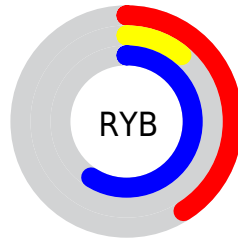
The Hex color **681D96** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4B961D**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **9F53CD**, and **310062** is the 20% darker color. If you saturate the color by 10%, you get **620E96**, and if you desaturate by 10%, it is **6E2C96**.

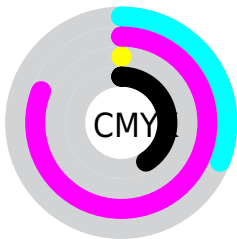
# Distribution



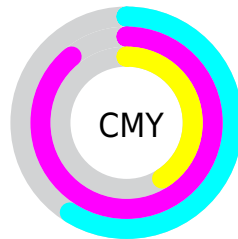
- Red (41%)
- Green (11%)
- Blue (59%)



- Red (41%)
- Yellow (11%)
- Blue (59%)



- Cyan (31%)
- Magenta (81%)
- Yellow (0%)
- Black (41%)



- Cyan (59%)
- Magenta (89%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 681D96 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 681D96 by changing the saturation by 10% instead.



681D96

681D96

FFFFFF

4D007C

9F53CD

310062

BC6DEA

19004A

D988FF

000032

F6A3FF

00011C

FFBFFF

000000

FFDBFF

FFF9FF

681D96

681D96

■ 620E96

■ 6E2C96

■ 5D0096

■ 733B96

■ 794A96

■ 7F5996

■ 856896

■ 8A7796

■ 908696

■ 969596

■ 9BA496

# Harmonies

## Analogous

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



0044B5



681D96



980063

# Triad

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



681D96



6B3900



005B63

# Complementary

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



681D96



4B961D

# 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.



005927



681D96



3A4C00

# Square

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



681D96



900700



005500



005A97

# Rectangle

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



681D96



A2003D



005500



005A50



# Sweetspot

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



681D96



B093C2



1D4B96



564561



E0E0E0



616161



# Same Dimension

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



681D96



7A06C2



961D88



47434A



55008A



06000A



# Inverse Universe

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



961D4B



C2064D



1D962B



4A4345



8A0034

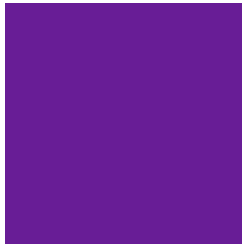


0A0004



# Previews

## White Background



This preview shows how the Hex color 681D96 looks on a white background.

## Color Contrast Check

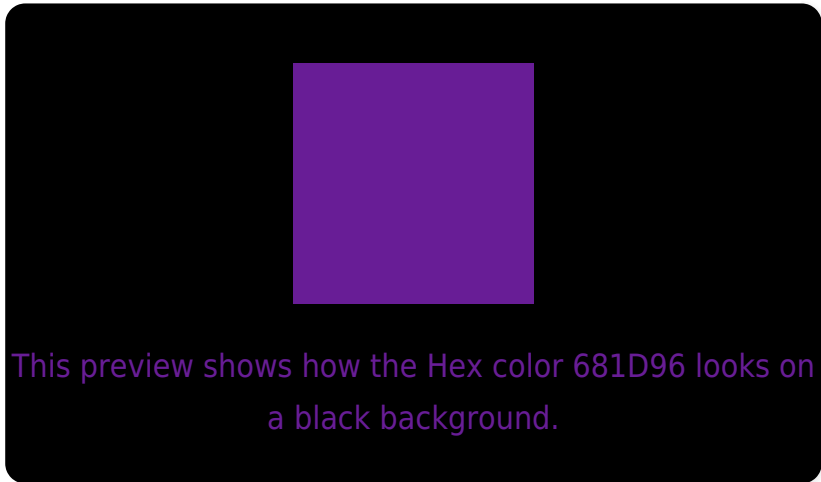
Large Text (above 18pt) WCAG AA ✓ Pass

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

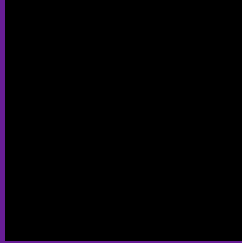
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 681D96 Background



This preview shows how black text looks on a background with the Hex color 681D96.



This preview shows how white text looks on a background with the Hex color 681D96.

# 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**  
681D96

**Protanopia**  
004490

**Deuteranopia**  
00487D



**Tritanopia**  
5A3F44

# Trichromacy



**Original Color**  
681D96



**Protanomaly**  
263692



**Deuteranomaly**  
263886



**Tritanomaly**  
5F3362

# Monochromacy



**Original Color**  
681D96



**Achromatopsia**  
414141



**Achromatomaly**  
4F3460

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 681D96 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 #681D96 looks like.

```
.text, #text, p{  
    color:#681D96  
}
```

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 #681D96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #681D96
}
```

## Border

The CSS property to change the border of an element to Hex 681D96 is called "border". The border property can be set on classes, ids or directly on the HTML element.

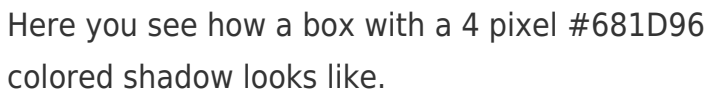
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#681D96 }
```

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

```
.border{ border-color:#681D96 }
```

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



Here you see how a box with a 4 pixel #681D96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #681D96; -webkit-box-shadow:4px 4px  
4px 4px #681D96; box-shadow:4px 4px 4px  
4px #681D96 }
```

# Background

The CSS property to change the background color of an element to Hex 681D96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#681D96 }
```

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

```
.background{ background-color:#681D96 }
```

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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