

# Converting Colors

Hex(691D9D)

Have a look what the booklet for  
Hex(691D9D) contains.

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# Color

**Hex(691D9D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	691D9D
RGB	105, 29, 157
RGB Percent	41%, 11%, 62%
CMY	0.5882, 0.8863, 0.3843
CMYK	0.33, 0.82, 0.00, 0.38
HSL	276°, 69%, 36%
HSV	276°, 82%, 62%
XYZ	12.3509, 6.3163, 32.4665
YIQ	66.3160, 4.2080, 55.9200

# Conversions

## Conversions Part 2

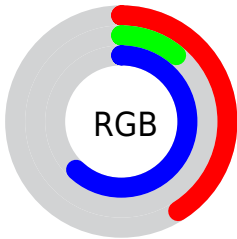
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	105, 29, 157
Decimal	6888861
CIE Lab	30.20, 54.13, -53.97
CIE LCh	30, 76.435, 315.087
Yxy	6.3163, 0.2415, 0.1235
Android (android.graphics.Color)	4285078941 (0xFF691D9D)
YUV	66.3160, 44.7072, 33.9259
Hunter-Lab	25.1323, 43.7396, -58.9997

# Details

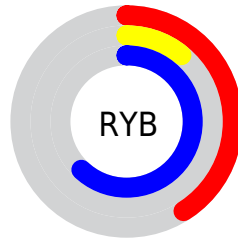
The Hex color **691D9D** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **519D1D**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **A153D5**, and **310068** is the 20% darker color. If you saturate the color by 10%, you get **630D9D**, and if you desaturate by 10%, it is **6F2D9D**.

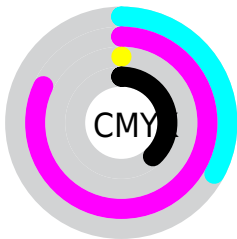
# Distribution



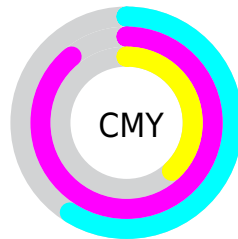
- Red (41%)
- Green (11%)
- Blue (62%)



- Red (41%)
- Yellow (11%)
- Blue (62%)



- Cyan (33%)
- Magenta (82%)
- Yellow (0%)
- Black (38%)



- Cyan (59%)
- Magenta (89%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 691D9D 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 691D9D by changing the saturation by 10% instead.



691D9D

691D9D

FFFFFF

4D0082

A153D5

310068

BE6EF1

180050

DB89FF

000038

F8A4FF

000221

FFC0FF

000006

FFDCFF

000000

FFFAFF

691D9D

691D9D

630D9D

6F2D9D

5D009D

763C9D

7C4C9D

835C9D

896C9D

8F7B9D

968B9D

9C9B9D

A2AA9D

# Harmonies

## Analogous

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



0046BD



691D9D



9D0067

# Triad

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



691D9D



703900



005D65

# Complementary

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



691D9D



519D1D

# 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



691D9D



3C4E00

# Square

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



691D9D



950000



005700



005D9C

# Rectangle

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



691D9D



A80040



005700



005D50



# Sweetspot

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



691D9D



B89BCC



1D529D



5A4866



E6E6E6



666666



# Same Dimension

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



691D9D



7B04CC



9D1D92



4C474F



55008F



09000F



# Inverse Universe

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



9D1D51



CC0455



1D9D28



4F474A



8F003A

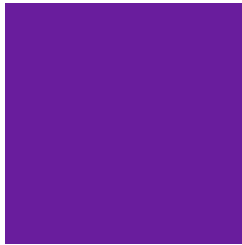


0F0006



# Previews

## White Background



This preview shows how the Hex color 691D9D looks on a white background.

## Color Contrast Check

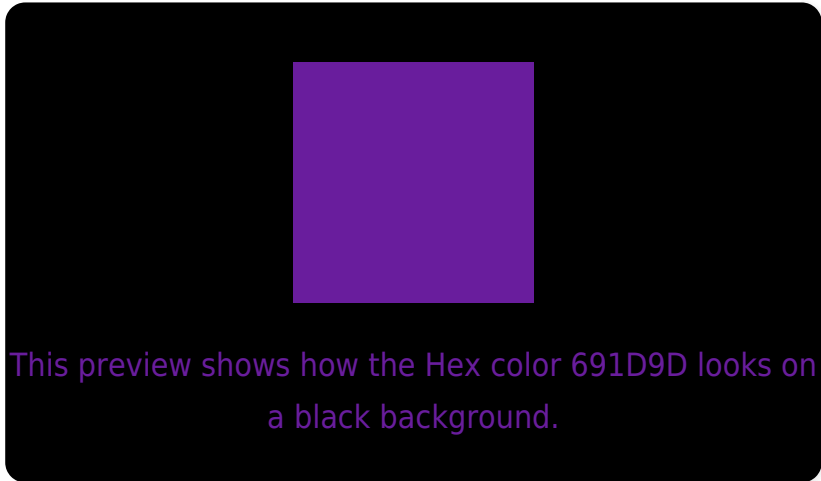
Large Text (above 18pt) WCAG AA ✓ Pass

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

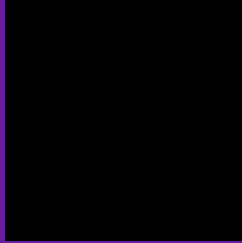
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 691D9D Background



This preview shows how black text looks on a background with the Hex color 691D9D.



This preview shows how white text looks on a background with the Hex color 691D9D.

# 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**  
691D9D

**Protanopia**  
004693

**Deuteranopia**  
004A7F



**Tritanopia**  
594247

# Trichromacy



**Original Color**  
691D9D



**Protanomaly**  
263797



**Deuteranomaly**  
263A8A



**Tritanomaly**  
5F3566

# Monochromacy



**Original Color**  
691D9D



**Achromatopsia**  
424242



**Achromatomaly**  
503563

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 691D9D 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 #691D9D looks like.

```
.text, #text, p{  
    color:#691D9D  
}
```

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 #691D9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #691D9D
}
```

## Border

The CSS property to change the border of an element to Hex 691D9D is called "border". The border property can be set on classes, ids or directly on the HTML element.

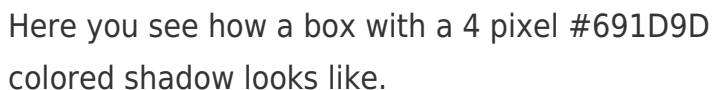
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#691D9D }
```

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

```
.border{ border-color:#691D9D }
```

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



Here you see how a box with a 4 pixel #691D9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #691D9D; -webkit-box-shadow:4px 4px  
4px 4px #691D9D; box-shadow:4px 4px 4px  
4px #691D9D }
```

# Background

The CSS property to change the background color of an element to Hex 691D9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#691D9D }
```

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

```
.background{ background-color:#691D9D }
```

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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