

# Converting Colors

Hex(701E80)

Have a look what the booklet for  
Hex(701E80) contains.

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# Color

**Hex(701E80)**

# Conversions

## Conversions Part 1

Format	Color
Hex	701E80
RGB	112, 30, 128
RGB Percent	44%, 12%, 50%
CMY	0.5608, 0.8824, 0.4980
CMYK	0.12, 0.77, 0.00, 0.50
HSL	290°, 62%, 31%
HSV	290°, 77%, 50%
XYZ	11.0426, 5.9318, 20.9850
YIQ	65.6900, 17.4140, 47.8620

# Conversions

## Conversions Part 2

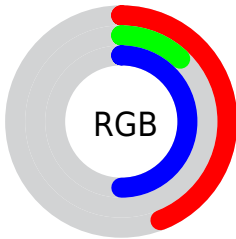
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 30, 128
Decimal	7347840
CIE <sub>Lab</sub>	29.24, 48.98, -37.53
CIE <sub>LCh</sub>	29, 61.701, 322.541
Yxy	5.9318, 0.2909, 0.1563
Android (android.graphics.Color)	4285537920 (0xFF701E80)
YUV	65.6900, 30.7188, 40.6139
Hunter-Lab	24.3553, 38.3098, -34.0368

# Details

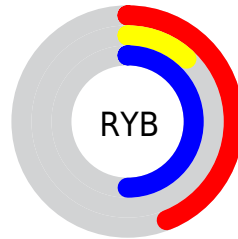
The Hex color **701E80** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2E801E**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **A753B5**, and **3C004E** is the 20% darker color. If you saturate the color by 10%, you get **6E1180**, and if you desaturate by 10%, it is **722B80**.

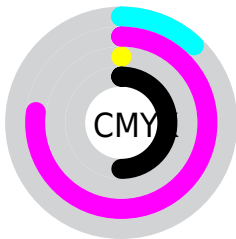
# Distribution



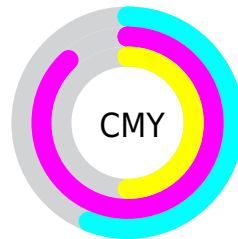
- Red (44%)
- Green (12%)
- Blue (50%)



- Red (44%)
- Yellow (12%)
- Blue (50%)



- Cyan (12%)
- Magenta (77%)
- Yellow (0%)
- Black (50%)



- Cyan (56%)
- Magenta (88%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 701E80 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 701E80 by changing the saturation by 10% instead.



 701E80

 701E80

FFFFFF

 560067

 A753B5

 3C004E

 C36ED1

 260037

 E088EE

 000020

 FDA4FF

 000004

 FFC0FF

 000000

 FFDCFF

 FFF9FF

 701E80

 701E80

6E1180

722B80

6C0480

743880

6B0080

764480

785180

7A5E80

7D6B80

7F7880

818480

839180

# Harmonies

## Analogous

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



003E9F



701E80



900053

# Triad

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



701E80



5F3F00



005869

# Complementary

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



701E80



2E801E

# 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.



005737



701E80



334D00

# Square

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



701E80



812500



005400



005691

# Rectangle

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



701E80



950034



005400



005859



# Sweetspot

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



701E80



A080A6



1E2E80



503D54



D4D4D4



545454



# Same Dimension

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



701E80



8D0DA6



801E5F



3F3940



6B0080



000000



# Inverse Universe

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



801E2E



A60D26



1E803F



40393A



800015

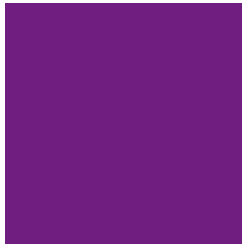


000000



# Previews

## White Background



This preview shows how the Hex color 701E80 looks on a white background.

## Color Contrast Check

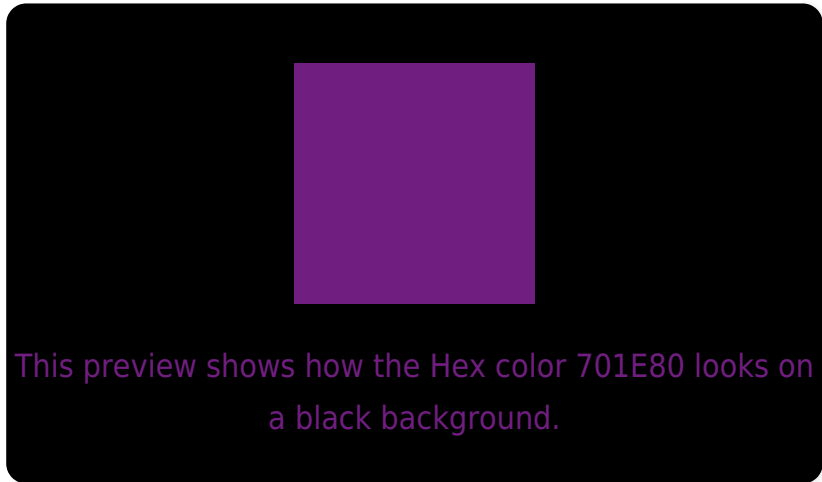
Large Text (above 18pt) WCAG AA ✓ Pass

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

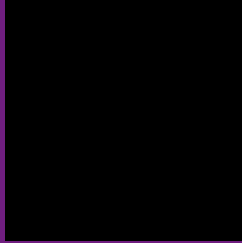
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 701E80 Background



This preview shows how black text looks on a background with the Hex color 701E80.




This preview shows how white text looks on a background with the Hex color 701E80.

# 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**  
67383C

# Trichromacy



**Original Color**

701E80



**Protanomaly**

29368A



**Deuteranomaly**

3C387C



**Tritanomaly**

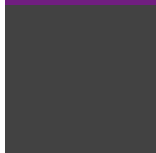
6A2F55

# Monochromacy



**Original Color**

701E80



**Achromatopsia**

424242



**Achromatomaly**

533559

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 701E80 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 #701E80 looks like.

```
.text, #text, p{  
    color:#701E80  
}
```

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 #701E80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #701E80
}
```

## Border

The CSS property to change the border of an element to Hex 701E80 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
#701E80 }
```

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

```
.border{ border-color:#701E80 }
```

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

Here you see how a box with a 4 pixel #701E80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #701E80; -webkit-box-shadow:4px 4px  
4px 4px #701E80; box-shadow:4px 4px 4px  
4px #701E80 }
```

# Background

The CSS property to change the background color of an element to Hex 701E80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#701E80 }
```

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

```
.background{ background-color:#701E80 }
```

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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