

Converting Colors

Hex(701980)

Have a look what the booklet for
Hex(701980) contains.

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Color

Hex(701980)

Conversions

Conversions Part 1

Format	Color
Hex	701980
RGB	112, 25, 128
RGB Percent	44%, 10%, 50%
CMY	0.5608, 0.9020, 0.4980
CMYK	0.12, 0.80, 0.00, 0.50
HSL	291°, 67%, 30%
HSV	291°, 80%, 50%
XYZ	10.9260, 5.6985, 20.9461
YIQ	62.7550, 18.7890, 50.4770

Conversions

Conversions Part 2

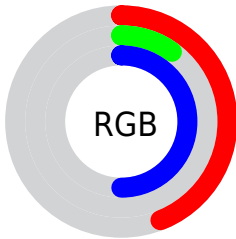
Format	Color
R_{YB}	112, 25, 128
Decimal	7346560
CIE _{Lab}	28.64, 50.71, -38.49
CIE _{LCh}	29, 63.661, 322.798
Yxy	5.6985, 0.2908, 0.1517
Android (android.graphics.Color)	4285536640 (0xFF701980)
YUV	62.7550, 32.1658, 43.1879
Hunter-Lab	23.8716, 39.9241, -35.3140

Details

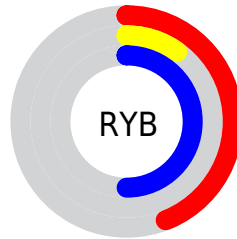
The Hex color **701980** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **298019**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **A750B5**, and **3B004E** is the 20% darker color. If you saturate the color by 10%, you get **6E0C80**, and if you desaturate by 10%, it is **722680**.

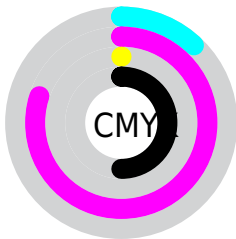
Distribution



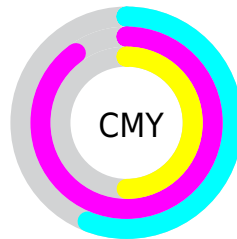
- Red (44%)
- Green (10%)
- Blue (50%)



- Red (44%)
- Yellow (10%)
- Blue (50%)



- Cyan (12%)
- Magenta (80%)
- Yellow (0%)
- Black (50%)



- Cyan (56%)
- Magenta (90%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 701980 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 701980 by changing the saturation by 10% instead.

 701980

 701980

FFFFFF

 550066

 A750B5

 3B004E

 C36AD1

 250037

 E085EE

 000120

 FDA1FF

 000004

 FFBCFF

 000000

 FFD9FF

 FFF6FF

 701980

 701980

■ 6E0C80

■ 722680

■ 6C0080

■ 743380

■ 763F80

■ 784C80

■ 7A5980

■ 7C6680

■ 7E7380

■ 807F80

■ 828C80

Harmonies

Analogous

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



003CA0



701980



910052

Triad

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



701980



5D3E00



005769

Complementary

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



701980



298019

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.



005636



701980



2F4C00

Square

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



701980



802200



005300



005592

Rectangle

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



701980



950031



005300



005758

Sweetspot

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



701980



A07EA6



192A80



503C54



D4D4D4



545454

Same Dimension

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



701980



8D05A6



80195E



3F3940



6C0080



000000

Inverse Universe

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



801929



A6051E



19803B



40393A



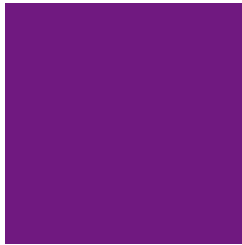
800014



000000

Previews

White Background



This preview shows how the Hex color 701980 looks on a white background.

Color Contrast Check

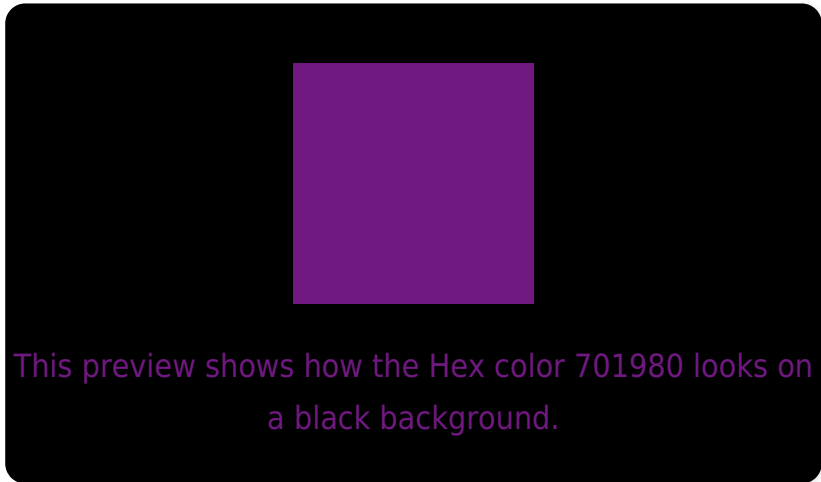
Large Text (above 18pt) WCAG AA ✓ Pass

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

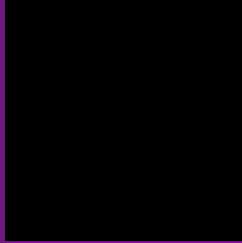
Any Text WCAG AA × Fail

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 701980 Background



This preview shows how black text looks on a background with the Hex color 701980.

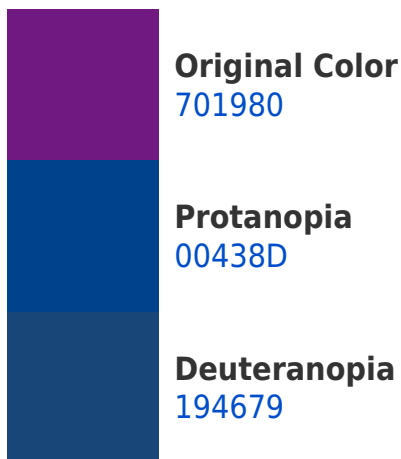



This preview shows how white text looks on a background with the Hex color 701980.

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
67363A

Trichromacy



Original Color
701980

Protanomaly
293488

Deuteranomaly
39367C

Tritanomaly
6A2B53

Monochromacy



Original Color
701980

Achromatopsia
3F3F3F

Achromatomaly
513157

CSS Examples

Text

The CSS property to change the color of the text to Hex 701980 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 #701980 looks like.

```
.text, #text, p{  
    color:#701980  
}
```

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 #701980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #701980
}
```

Border

The CSS property to change the border of an element to Hex 701980 is called "border". The border property can be set on classes, ids or directly on the HTML element.

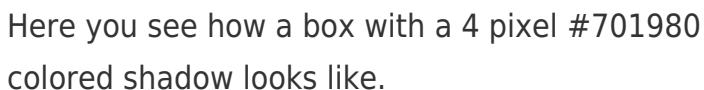
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#701980 }
```

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

```
.border{ border-color:#701980 }
```

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



Here you see how a box with a 4 pixel #701980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #701980; -webkit-box-shadow:4px 4px  
4px 4px #701980; box-shadow:4px 4px 4px  
4px #701980 }
```

Background

The CSS property to change the background color of an element to Hex 701980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#701980 }
```

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

```
.background{ background-color:#701980 }
```

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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