

Converting Colors

Hex(705980)

Have a look what the booklet for
Hex(705980) contains.

Hex(705980)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(705980)

Conversions

Conversions Part 1

Format	Color
Hex	705980
RGB	112, 89, 128
RGB Percent	44%, 35%, 50%
CMY	0.5608, 0.6510, 0.4980
CMYK	0.12, 0.30, 0.00, 0.50
HSL	275°, 18%, 43%
HSV	275°, 30%, 50%
XYZ	14.1508, 12.1480, 22.0211
YIQ	100.3230, 1.1890, 17.0050

Conversions

Conversions Part 2

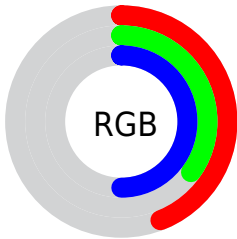
Format	Color
R_{YB}	112, 89, 128
Decimal	7362944
CIE _{Lab}	41.45, 17.37, -18.34
CIE _{LCh}	41, 25.264, 313.440
Yxy	12.1480, 0.2929, 0.2514
Android (android.graphics.Color)	4285553024 (0xFF705980)
YUV	100.3230, 13.6448, 10.2407
Hunter-Lab	34.8540, 11.4766, -13.0621

Details

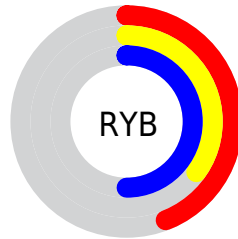
The Hex color **705980** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **698059**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **A48BB5**, and **3F2B4F** is the 20% darker color. If you saturate the color by 10%, you get **6B4C80**, and if you desaturate by 10%, it is **756680**.

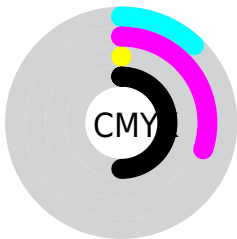
Distribution



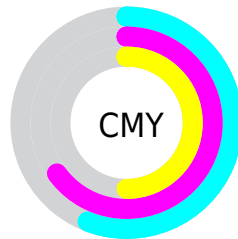
- Red (44%)
- Green (35%)
- Blue (50%)



- Red (44%)
- Yellow (35%)
- Blue (50%)



- Cyan (12%)
- Magenta (30%)
- Yellow (0%)
- Black (50%)



- Cyan (56%)
- Magenta (65%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 705980 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 705980 by changing the saturation by 10% instead.

705980

705980

FFFFFF

574167

A48BB5

3F2B4F

BFA6D1

291638

DBC1ED

170022

F8DDFF

000009

FFF9FF

000000

705980

705980

6B4C80

756680

653F80

7B7380

603380

807F80

5B2680

858C80

561980

8A9980

500C80

90A680

4B0080

95B380

9ABF80

9FCC80

Harmonies

Analogous

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



53618A



705980



83536E

Triad

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



705980



795D3A



176D6B

Complementary

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



705980



698059

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.



356C55



705980



666439

Square

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



705980



865646



4F6943



0B6B7E

Rectangle

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



705980



895260



4F6943



216D64

Sweetspot

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



705980



A097A6



596980



504B54



D4D4D4



545454

Same Dimension

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



705980



8D68A6



80597D



3D3940



4B0080



000000

Inverse Universe

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



805969



A66882



59805C



40393C



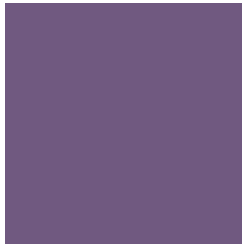
800034



000000

Previews

White Background



This preview shows how the Hex color 705980 looks on a white background.

Color Contrast Check

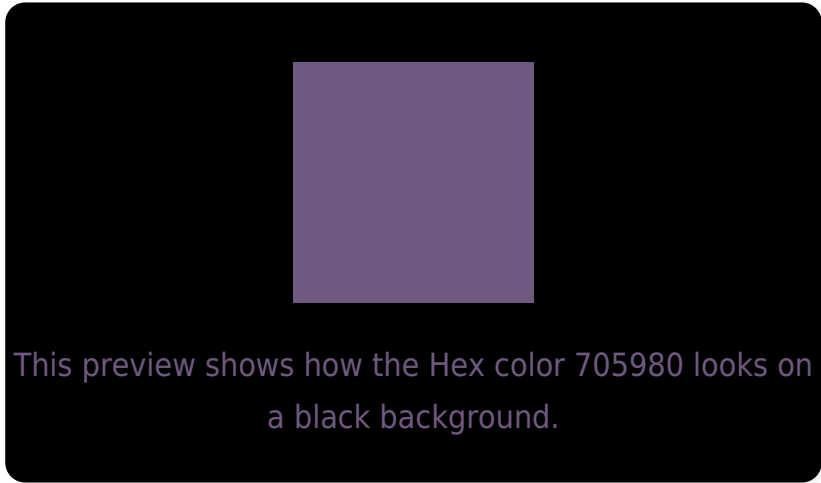
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

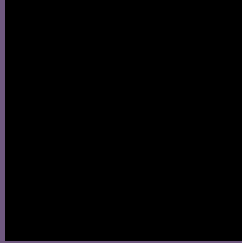
Any Text WCAG AA × Fail

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 705980 Background



This preview shows how black text looks on a background with the Hex color 705980.

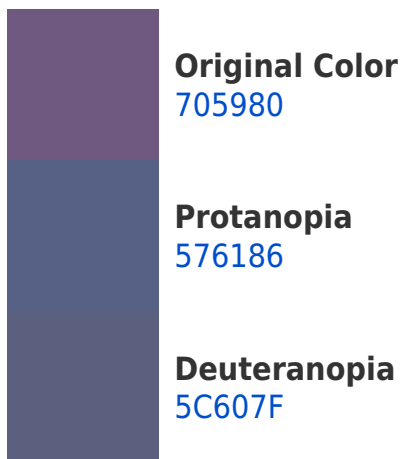



This preview shows how white text looks on a background with the Hex color 705980.

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
6C5E66

Trichromacy



Original Color
705980

Protanomaly
605E84

Deuteranomaly
635D7F

Tritanomaly
6D5C6F

Monochromacy



Original Color
705980

Achromatopsia
646464

Achromatomaly
68606E

CSS Examples

Text

The CSS property to change the color of the text to Hex 705980 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 #705980 looks like.

```
.text, #text, p{  
    color:#705980  
}
```

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 #705980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #705980
}
```

Border

The CSS property to change the border of an element to Hex 705980 is called "border". The border property can be set on classes, ids or directly on the HTML element.

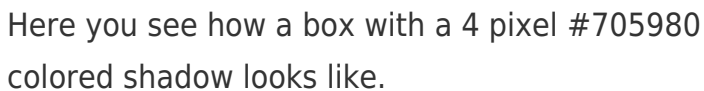
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#705980 }
```

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

```
.border{ border-color:#705980 }
```

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



Here you see how a box with a 4 pixel #705980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #705980; -webkit-box-shadow:4px 4px  
4px 4px #705980; box-shadow:4px 4px 4px  
4px #705980 }
```

Background

The CSS property to change the background color of an element to Hex 705980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#705980 }
```

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

```
.background{ background-color:#705980 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor