

# Converting Colors

Hex(720B98)

Have a look what the booklet for  
Hex(720B98) contains.

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**Color**

**Hex(720B98)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	720B98
RGB	114, 11, 152
RGB Percent	45%, 4%, 60%
CMY	0.5529, 0.9569, 0.4039
CMYK	0.25, 0.93, 0.00, 0.40
HSL	284°, 87%, 32%
HSV	284°, 93%, 60%
XYZ	12.7266, 6.0838, 30.2093
YIQ	57.8710, 16.1270, 65.6870

# Conversions

## Conversions Part 2

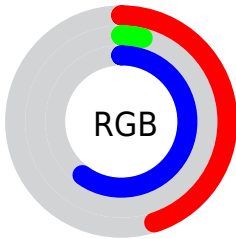
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 11, 152
Decimal	7474072
CIE <sub>Lab</sub>	29.62, 59.15, -51.78
CIE <sub>LCh</sub>	30, 78.612, 318.797
Yxy	6.0838, 0.2596, 0.1241
Android (android.graphics.Color)	4285664152 (0xFF720B98)
YUV	57.8710, 46.4056, 49.2251
Hunter-Lab	24.6653, 48.9369, -55.3510

# Details

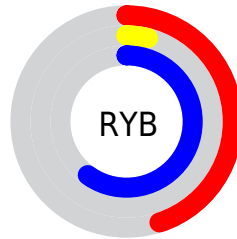
The Hex color **720B98** is a dark color, and the websafe version is hex **660099**, and the color name is **chinese purple**. A complement of this color would be **31980B**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **AA4BCF**, and **3B0064** is the 20% darker color. If you saturate the color by 10%, you get **6F0098**, and if you desaturate by 10%, it is **761A98**.

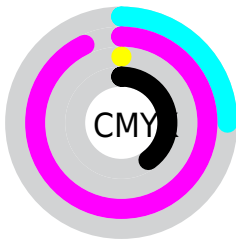
# Distribution



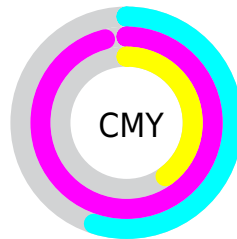
- Red (45%)
- Green (4%)
- Blue (60%)



- Red (45%)
- Yellow (4%)
- Blue (60%)



- Cyan (25%)
- Magenta (93%)
- Yellow (0%)
- Black (40%)



- Cyan (55%)
- Magenta (96%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 720B98 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 720B98 by changing the saturation by 10% instead.



 720B98

 720B98

FFFFFF

 56007E

 AA4BCF

 3B0064

 C766EC

 23004B

 E481FF

 000033

 FF9DFF

 00021D

 FFB9FF

 000000

 FFD6FF

 FFF3FF

 720B98

 720B98

■ 6F0098

■ 761A98

■ 7A2998

■ 7E3998

■ 824898

■ 865798

■ 8B6698

■ 8F7598

■ 938598

■ 979498

# Harmonies

## Analogous

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



0042BD



720B98



A1005F

# Triad

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



720B98



693B00



005C6C

# Complementary

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



720B98



31980B

# 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.



005A2C



720B98



314E00

# Square

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



720B98



910400



005700



005CA3

# Rectangle

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



720B98



A90038



005700



005C57



# Sweetspot

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



720B98



B68DC4



0B3398



5A4263



E3E3E3



636363



# Same Dimension

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



720B98



8F00C4



980B79



4A454D



66008C



09000D



# Inverse Universe

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



980B31



C40035



0B982A



4D4547



8C0026

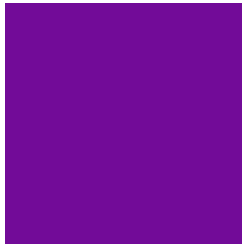


0D0003



# Previews

## White Background



This preview shows how the Hex color 720B98 looks on a white background.

## Color Contrast Check

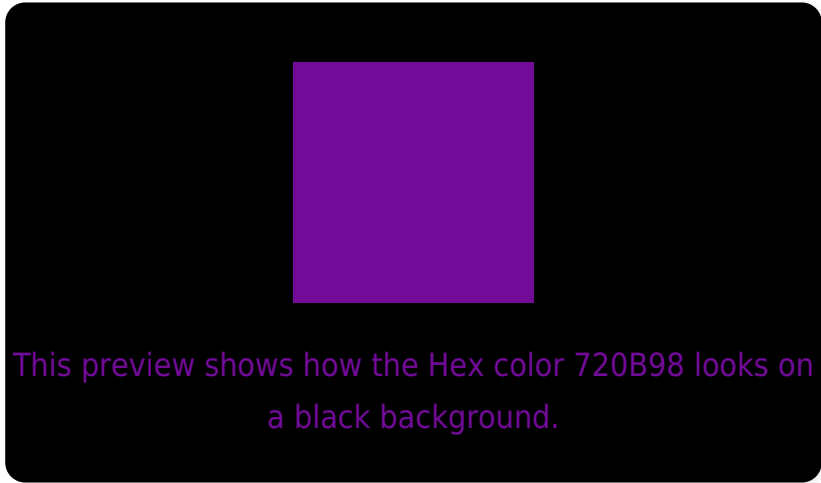
Large Text (above 18pt) WCAG AA ✓ Pass

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

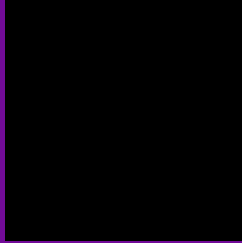
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 720B98 Background



This preview shows how black text looks on a background with the Hex color 720B98.



This preview shows how white text looks on a background with the Hex color 720B98.

# 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**  
720B98

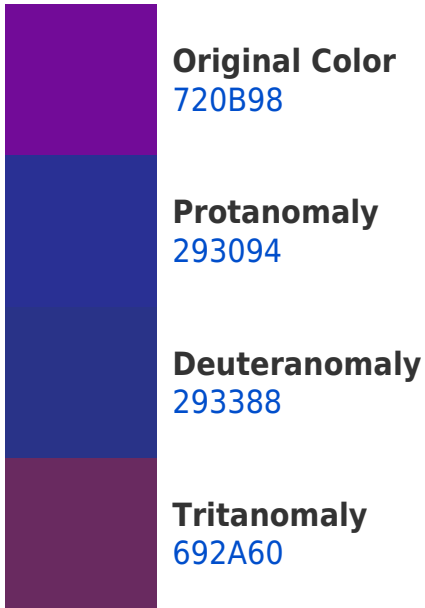
**Protanopia**  
004592

**Deuteranopia**  
004A7F

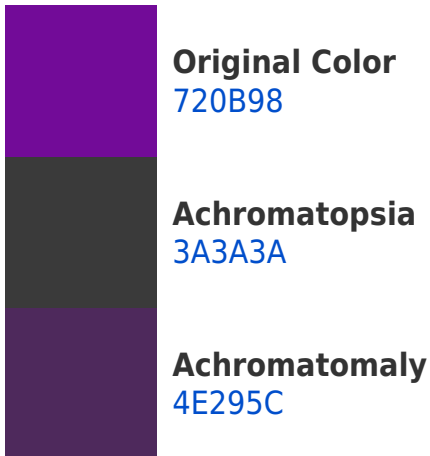


**Tritanopia**  
643C40

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 720B98 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 #720B98 looks like.

```
.text, #text, p{  
    color:#720B98  
}
```

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 #720B98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #720B98
}
```

## Border

The CSS property to change the border of an element to Hex 720B98 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
#720B98 }
```

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

```
.border{ border-color:#720B98 }
```

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

Here you see how a box with a 4 pixel #720B98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #720B98; -webkit-box-shadow:4px 4px  
4px 4px #720B98; box-shadow:4px 4px 4px  
4px #720B98 }
```

# Background

The CSS property to change the background color of an element to Hex 720B98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#720B98 }
```

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

```
.background{ background-color:#720B98 }
```

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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