

Converting Colors

Hex(76008C)

Have a look what the booklet for
Hex(76008C) contains.

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Color

Hex(76008C)

Conversions

Conversions Part 1

Format	Color
Hex	76008C
RGB	118, 0, 140
RGB Percent	46%, 0%, 55%
CMY	0.5373, 1.0000, 0.4510
CMYK	0.16, 1.00, 0.00, 0.45
HSL	291°, 100%, 27%
HSV	291°, 100%, 55%
XYZ	12.2048, 5.7450, 25.2766
YIQ	51.2420, 25.3880, 68.5560

Conversions

Conversions Part 2

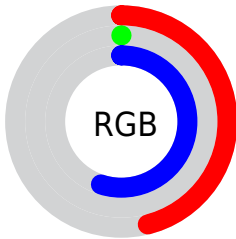
Format	Color
R_{YB}	118, 0, 140
Decimal	7733388
CIE _{Lab}	28.76, 59.32, -45.75
CIE _{LCh}	29, 74.912, 322.362
Yxy	5.7450, 0.2823, 0.1329
Android (android.graphics.Color)	4285923468 (0xFF76008C)
YUV	51.2420, 43.7577, 58.5468
Hunter-Lab	23.9687, 48.9466, -45.7470

Details

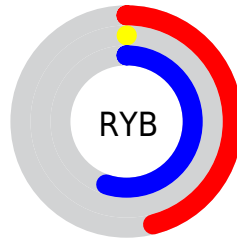
The Hex color **76008C** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **168C00**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **AE47C2**, and **400059** is the 20% darker color. If you saturate the color by 10%, you get **76008C**, and if you desaturate by 10%, it is **780E8C**.

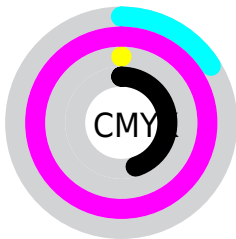
Distribution



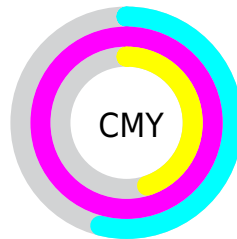
- Red (46%)
- Green (0%)
- Blue (55%)



- Red (46%)
- Yellow (0%)
- Blue (55%)



- Cyan (16%)
- Magenta (100%)
- Yellow (0%)
- Black (45%)



- Cyan (54%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76008C 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 76008C by changing the saturation by 10% instead.

 76008C

 76008C

FFFFFF

 5B0072

 AE47C2

 400059

 CB62DF

 280041

 E87EFC

 00002A

 FF99FF

 000113

 FFB5FF

 000000

 FFD2FF

 FFEFFF

 76008C

 780E8C

 7A1C8C

 7D2A8C

 7F388C

 81468C

 83548C

 85628C

 88708C

 8A7E8C

Harmonies

Analogous

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



003CB2



76008C



9D0055

Triad

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



76008C



603D00



00596F

Complementary

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



76008C



168C00

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.



005833



76008C



284D00

Square

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



76008C



881500



005500



0058A1

Rectangle

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



76008C



A20030



005500



00595B

Sweetspot

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



76008C



AD7FB5



00178C



573B5C



DBDBDB



5C5C5C

Same Dimension

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



76008C



9900B5



8C005D



443E45



700085



040005

Inverse Universe

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



8C0016



B5001C



008C2F



453E3F



850015



050001

Previews

White Background



This preview shows how the Hex color 76008C looks on a white background.

Color Contrast Check

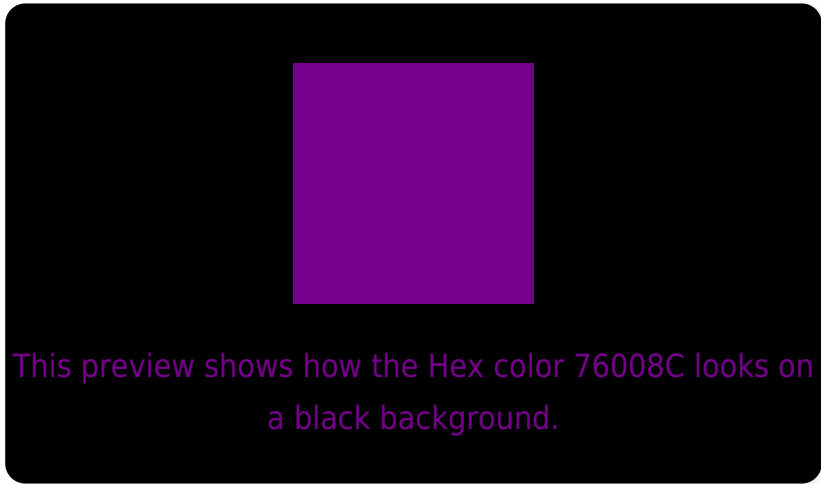
Large Text (above 18pt) WCAG AA ✓ Pass

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

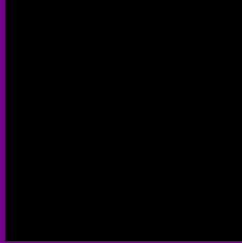
Any Text WCAG AA × Fail

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 76008C Background



This preview shows how black text looks on a background with the Hex color 76008C.

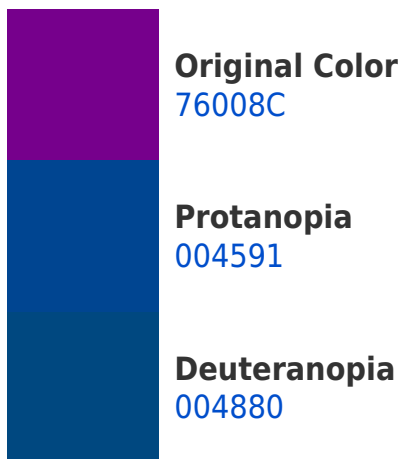


This preview shows how white text looks on a background with the Hex color 76008C.

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
6B373B

Trichromacy



Original Color
76008C



Protanomaly
2B2C8F



Deuteranomaly
2B2E84



Tritanomaly
6F2358

Monochromacy



Original Color
76008C



Achromatopsia
333333



Achromatomaly
4B2053

CSS Examples

Text

The CSS property to change the color of the text to Hex 76008C 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 #76008C looks like.

```
.text, #text, p{  
    color:#76008C  
}
```

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 #76008C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76008C }  
}
```

Border

The CSS property to change the border of an element to Hex 76008C is called "border". The border property can be set on classes, ids or directly on the HTML element.

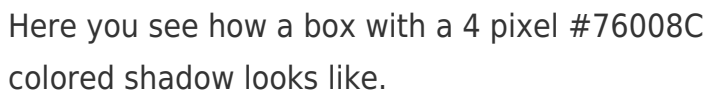
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #76008C }  
}
```

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

```
.border{ border-color:#76008C }
```

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



Here you see how a box with a 4 pixel #76008C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76008C; -webkit-box-shadow:4px 4px  
4px 4px #76008C; box-shadow:4px 4px 4px  
4px #76008C }
```

Background

The CSS property to change the background color of an element to Hex 76008C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76008C }
```

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

```
.background{ background-color:#76008C }
```

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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