

Converting Colors

Hex(75008F)

Have a look what the booklet for
Hex(75008F) contains.

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Color

Hex(75008F)

Conversions

Conversions Part 1

Format	Color
Hex	75008F
RGB	117, 0, 143
RGB Percent	46%, 0%, 56%
CMY	0.5412, 1.0000, 0.4392
CMYK	0.18, 1.00, 0.00, 0.44
HSL	289°, 100%, 28%
HSV	289°, 100%, 56%
XYZ	12.2940, 5.7651, 26.4514
YIQ	51.2850, 23.8290, 69.2770

Conversions

Conversions Part 2

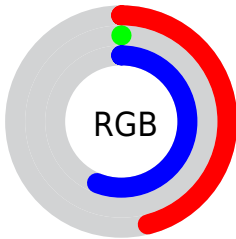
Format	Color
R_{YB}	117, 0, 143
Decimal	7667855
CIE _{Lab}	28.81, 59.71, -47.53
CIE _{LCh}	29, 76.319, 321.479
Yxy	5.7651, 0.2762, 0.1295
Android (android.graphics.Color)	4285857935 (0xFF75008F)
YUV	51.2850, 45.2155, 57.6321
Hunter-Lab	24.0106, 49.3782, -48.5098

Details

The Hex color **75008F** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **1A8F00**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **AD47C6**, and **3F005C** is the 20% darker color. If you saturate the color by 10%, you get **75008F**, and if you desaturate by 10%, it is **780E8F**.

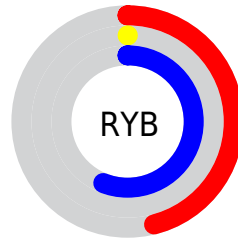
Distribution



Red (46%)

Green (0%)

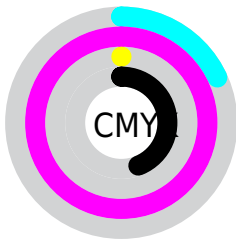
Blue (56%)



Red (46%)

Yellow (0%)

Blue (56%)

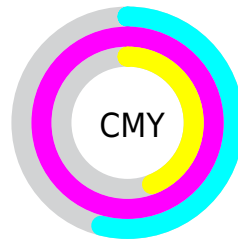


Cyan (18%)

Magenta (100%)

Yellow (0%)

Black (44%)



Cyan (54%)

Magenta (100%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75008F 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 75008F by changing the saturation by 10% instead.

 75008F

 75008F

FFFFFF

 5A0075

 AD47C6

 3F005C

 CA62E2

 270043

 E77EFF

 00002C

 FF99FF

 000116

 FFB6FF

 000000

 FFD2FF

 FFEFFF

 75008F

 780E8F

 7A1D8F

 7D2B8F

 7F398F

 82488F

 85568F

 87648F

 8A728F

 8C818F

Harmonies

Analogous

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



003DB5



75008F



9E0057

Triad

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



75008F



623C00



005A6E

Complementary

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



75008F



1A8F00

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.



005831



75008F



294D00

Square

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



75008F



8A1100



005500



0059A2

Rectangle

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



75008F



A40031



005500



00595A

Sweetspot

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



75008F



B082BA



001A8F



583C5E



DEDEDE



5E5E5E

Same Dimension

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



75008F



9800BA



8F0062



464047



6F0087



060008

Inverse Universe

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



8F001A



BA0022



008F2D



474042



870019



080001

Previews

White Background



This preview shows how the Hex color 75008F looks on a white background.

Color Contrast Check

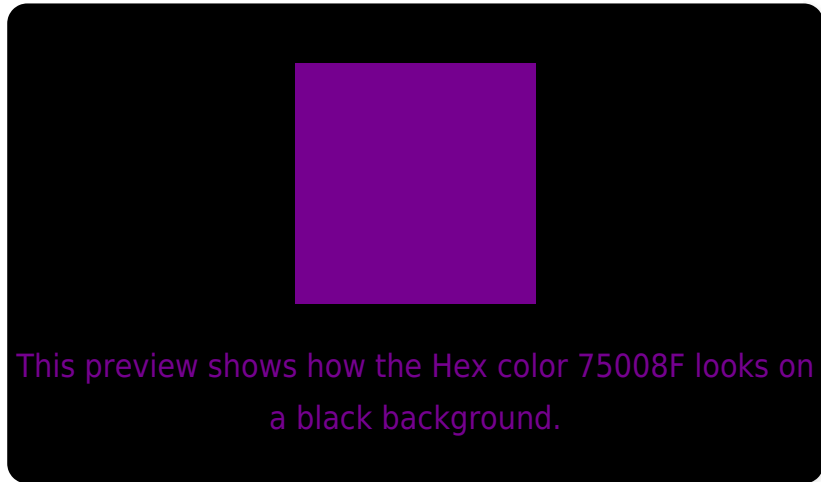
Large Text (above 18pt) WCAG AA ✓ Pass

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

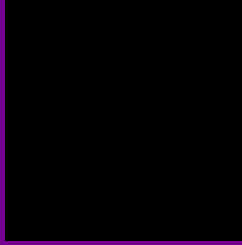
Any Text WCAG AA × Fail

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 75008F Background



This preview shows how black text looks on a background with the Hex color 75008F.

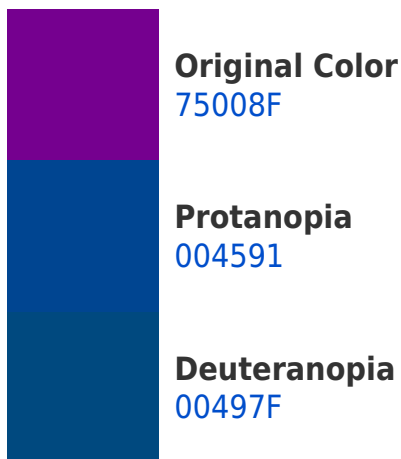



This preview shows how white text looks on a background with the Hex color 75008F.

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
69383C

Trichromacy



Original Color
75008F

Protanomaly
2B2C90

Deuteranomaly
2B2E85

Tritanomaly
6D245A

Monochromacy



Original Color
75008F

Achromatopsia
333333

Achromatomaly
4B2054

CSS Examples

Text

The CSS property to change the color of the text to Hex 75008F 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 #75008F looks like.

```
.text, #text, p{  
    color:#75008F  
}
```

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 #75008F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75008F
}
```

Border

The CSS property to change the border of an element to Hex 75008F is called "border". The border property can be set on classes, ids or directly on the HTML element.

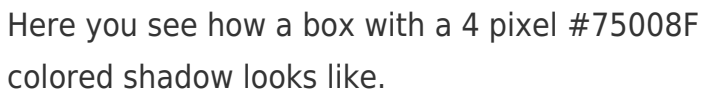
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#75008F }
```

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

```
.border{ border-color:#75008F }
```

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



Here you see how a box with a 4 pixel #75008F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75008F; -webkit-box-shadow:4px 4px  
4px 4px #75008F; box-shadow:4px 4px 4px  
4px #75008F }
```

Background

The CSS property to change the background color of an element to Hex 75008F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75008F }
```

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

```
.background{ background-color:#75008F }
```

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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