

Converting Colors

Hex(75008E)

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

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Color

Hex(75008E)

Conversions

Conversions Part 1

Format	Color
Hex	75008E
RGB	117, 0, 142
RGB Percent	46%, 0%, 56%
CMY	0.5412, 1.0000, 0.4431
CMYK	0.18, 1.00, 0.00, 0.44
HSL	289°, 100%, 28%
HSV	289°, 100%, 56%
XYZ	12.2186, 5.7349, 26.0541
YIQ	51.1710, 24.1500, 68.9660

Conversions

Conversions Part 2

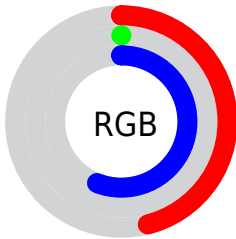
Format	Color
R_{YB}	117, 0, 142
Decimal	7667854
CIE _{Lab}	28.73, 59.53, -47.04
CIE _{LCh}	29, 75.871, 321.685
Yxy	5.7349, 0.2776, 0.1303
Android (android.graphics.Color)	4285857934 (0xFF75008E)
YUV	51.1710, 44.7787, 57.7320
Hunter-Lab	23.9477, 49.1661, -47.7419

Details

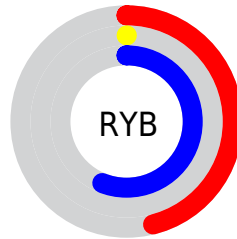
The Hex color **75008E** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **198E00**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **AD47C5**, and **3F005B** is the 20% darker color. If you saturate the color by 10%, you get **75008E**, and if you desaturate by 10%, it is **780E8E**.

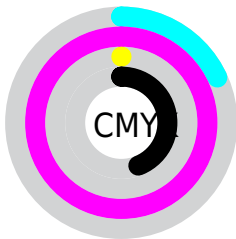
Distribution



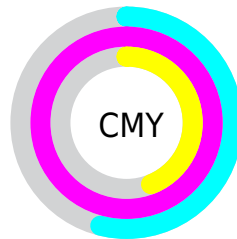
- Red (46%)
- Green (0%)
- Blue (56%)



- 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 75008E 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 75008E by changing the saturation by 10% instead.

 75008E

 75008E

FFFFFF

 5A0074

 AD47C5

 3F005B

 CA62E1

 270043

 E77EFE

 00002B

 FF99FF

 000115

 FFB5FF

 000000

 FFD2FF

 FFEFFF

 75008E

 780E8E

 7A1C8E

 7D2B8E

 7F398E

 82478E

 84558E

 87638E

 89728E

 8C808E

Harmonies

Analogous

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



003DB4



75008E



9D0057

Triad

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



75008E



613C00



00596E

Complementary

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



75008E



198E00

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



75008E



294D00

Square

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



75008E



891200



005500



0059A1

Rectangle

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



75008E



A30031



005500



00595A

Sweetspot

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



75008E



AE81B8



001A8E



563B5C



DBDBDB



5C5C5C

Same Dimension

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



75008E



9700B8



8E0061



464047



6F0087



060008

Inverse Universe

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



8E0019



B80020



008E2D



474042



870018



080001

Previews

White Background



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

Color Contrast Check

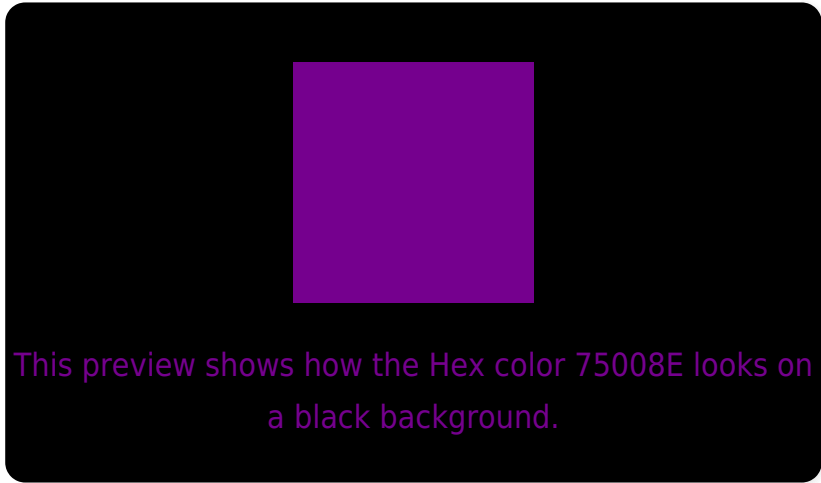
Large Text (above 18pt) WCAG AA ✓ Pass

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

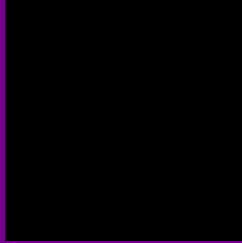
Any Text WCAG AA × Fail

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 75008E Background



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



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

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



Trichromacy



Original Color
75008E

Protanomaly
2B2C8F

Tritanomaly
6E245A

Monochromacy



Original Color
75008E

Achromatopsia
333333

Achromatomaly
4B2054

CSS Examples

Text

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

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

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 #75008E colored shadow looks like.

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

Border

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

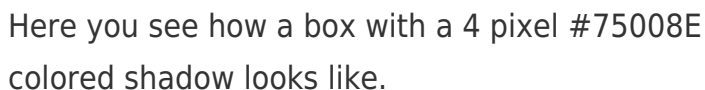
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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