

Converting Colors

Hex(77048E)

Have a look what the booklet for
Hex(77048E) contains.

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Color

Hex(77048E)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 77048E |
| RGB | 119, 4, 142 |
| RGB Percent | 47%, 2%, 56% |
| CMY | 0.5333, 0.9843, 0.4431 |
| CMYK | 0.16, 0.97, 0.00, 0.44 |
| HSL | 290°, 95%, 29% |
| HSV | 290°, 97%, 56% |
| XYZ | 12.5337, 5.9618, 26.0813 |
| YIQ | 54.1170, 24.2420, 67.2980 |

Conversions

Conversions Part 2

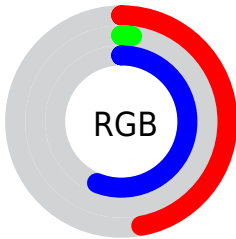
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 119, 4, 142 |
| Decimal | 7799950 |
| CIE _{Lab} | 29.32, 59.17, -46.08 |
| CIE _{LCh} | 29, 74.996, 322.091 |
| Yxy | 5.9618, 0.2812, 0.1337 |
| Android (android.graphics.Color) | 4285990030 (0xFF77048E) |
| YUV | 54.1170, 43.3263, 56.9024 |
| Hunter-Lab | 24.4167, 48.8988, -46.2404 |

Details

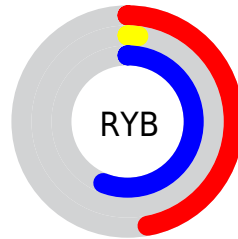
The Hex color **77048E** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **1B8E04**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **AF49C5**, and **41005B** is the 20% darker color. If you saturate the color by 10%, you get **76008E**, and if you desaturate by 10%, it is **79128E**.

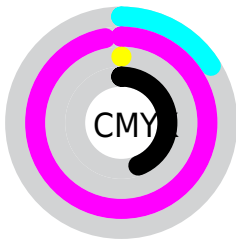
Distribution



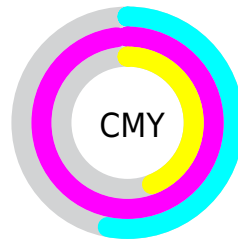
- Red (47%)
- Green (2%)
- Blue (56%)



- Red (47%)
- Yellow (2%)
- Blue (56%)



- Cyan (16%)
- Magenta (97%)
- Yellow (0%)
- Black (44%)



- Cyan (53%)
- Magenta (98%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77048E 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 77048E by changing the saturation by 10% instead.

■ 77048E

■ 77048E

FFFFFF

■ 5C0074

■ AF49C5

■ 41005B

■ CC64E1

■ 290043

■ E97FFE

■ 00002B

■ FF9BFF

■ 000115

■ FFB7FF

■ 000000

■ FFD4FF

■ FFF1FF

■ 77048E

■ 77048E

76008E

79128E

7C208E

7E2F8E

803D8E

834B8E

85598E

88678E

8A768E

8C848E

Harmonies

Analogous

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



003EB4



77048E



9E0057

Triad

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



77048E



623E00



005B70

Complementary

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



77048E



1B8E04

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.



005933



77048E



2A4F00

Square

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



77048E



8A1600



005600



005AA2

Rectangle

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



77048E



A40031



005600



005A5C

Sweetspot

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



77048E



AF82B8



041B8E



563C5C



DBDBDB



5C5C5C

Same Dimension

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



77048E



9900B8



8E0460



464047



710087



060008

Inverse Universe

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



8E041B



B8001F



048E32



474041



870017



080001

Previews

White Background



This preview shows how the Hex color 77048E looks on a white background.

Color Contrast Check

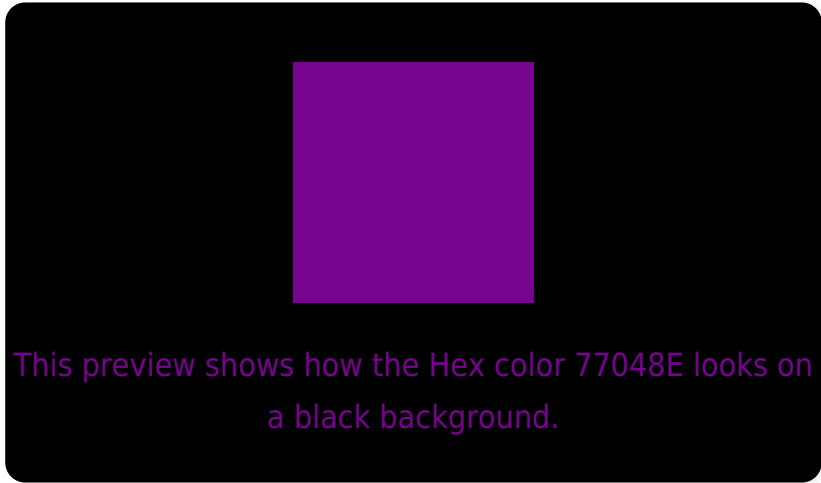
Large Text (above 18pt) WCAG AA ✓ Pass

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

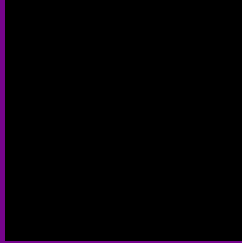
Any Text WCAG AA × Fail

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 77048E Background



This preview shows how black text looks on a background with the Hex color 77048E.



This preview shows how white text looks on a background with the Hex color 77048E.

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
77048E

Protanopia
004592

Deuteranopia
004981



Tritanopia
6C383C

Trichromacy



Original Color
77048E

Protanomaly
2B2D91

Deuteranomaly
2B3086

Tritanomaly
70255A

Monochromacy



Original Color
77048E

Achromatopsia
363636

Achromatomaly
4E2456

CSS Examples

Text

The CSS property to change the color of the text to Hex 77048E 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 #77048E looks like.

```
.text, #text, p{  
    color:#77048E  
}
```

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 #77048E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77048E
}
```

Border

The CSS property to change the border of an element to Hex 77048E is called "border". The border property can be set on classes, ids or directly on the HTML element.

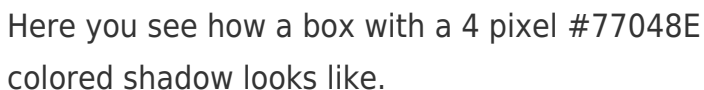
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77048E }
```

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

```
.border{ border-color:#77048E }
```

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



Here you see how a box with a 4 pixel #77048E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77048E; -webkit-box-shadow:4px 4px  
4px 4px #77048E; box-shadow:4px 4px 4px  
4px #77048E }
```

Background

The CSS property to change the background color of an element to Hex 77048E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77048E }
```

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

```
.background{ background-color:#77048E }
```

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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