

Converting Colors

Hex(78448E)

Have a look what the booklet for
Hex(78448E) contains.

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Color

Hex(78448E)

Conversions

Conversions Part 1

Format	Color
Hex	78448E
RGB	120, 68, 142
RGB Percent	47%, 27%, 56%
CMY	0.5294, 0.7333, 0.4431
CMYK	0.15, 0.52, 0.00, 0.44
HSL	282°, 35%, 41%
HSV	282°, 52%, 56%
XYZ	14.6953, 10.0803, 26.7623
YIQ	91.9840, 7.2380, 34.0380

Conversions

Conversions Part 2

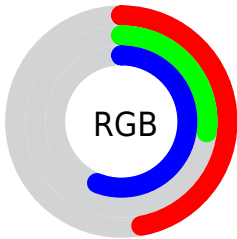
Format	Color
R_{YB}	120, 68, 142
Decimal	7881870
CIE _{Lab}	37.99, 35.66, -32.20
CIE _{LCh}	38, 48.048, 317.918
Yxy	10.0803, 0.2851, 0.1956
Android (android.graphics.Color)	4286071950 (0xFF78448E)
YUV	91.9840, 24.6579, 24.5700
Hunter-Lab	31.7495, 27.0575, -27.7522

Details

The Hex color **78448E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5A8E44**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **AE76C4**, and **45145B** is the 20% darker color. If you saturate the color by 10%, you get **74368E**, and if you desaturate by 10%, it is **7C528E**.

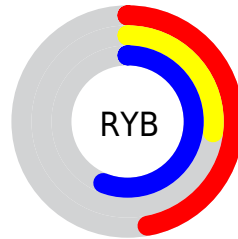
Distribution



Red (47%)

Green (27%)

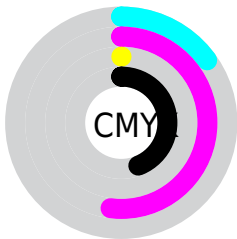
Blue (56%)



Red (47%)

Yellow (27%)

Blue (56%)

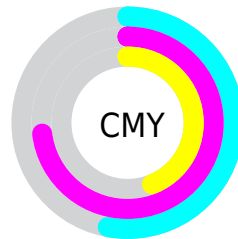


Cyan (15%)

Magenta (52%)

Yellow (0%)

Black (44%)



Cyan (53%)

Magenta (73%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78448E 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 78448E by changing the saturation by 10% instead.

■ 78448E

■ 78448E

FFFFFF

■ 5E2C74

■ AE76C4

■ 45145B

■ CA90E0

■ 2C0043

■ E6ABFD

■ 18002D

■ FFC7FF

■ 000117

■ FFE3FF

■ 000000

■ 78448E

■ 78448E

■ 74368E

■ 7C528E

■ 70288E

■ 80608E

6B198E

856F8E

670B8E

897D8E

64008E

8D8B8E

91998E

96A78E

9AB68E

9EC48E

Harmonies

Analogous

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



3656A4



78448E



97346B

Triad

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



78448E



795200



006B70

Complementary

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



78448E



5A8E44

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.



006A48



78448E



565F00

Square

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



78448E



934120



256621



006993

Rectangle

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



78448E



9E3151



256621



006B63

Sweetspot

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



78448E



AF9AB8



445A8E



574A5C



DBDBDB



5C5C5C

Same Dimension

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



78448E



9544B8



8E447F



454047



5F0087



050008

Inverse Universe

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



8E445A



B84466



448E53



474042



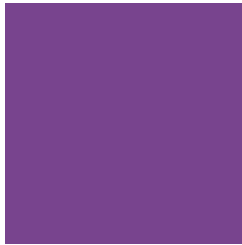
870028



080002

Previews

White Background



This preview shows how the Hex color 78448E looks on a white background.

Color Contrast Check

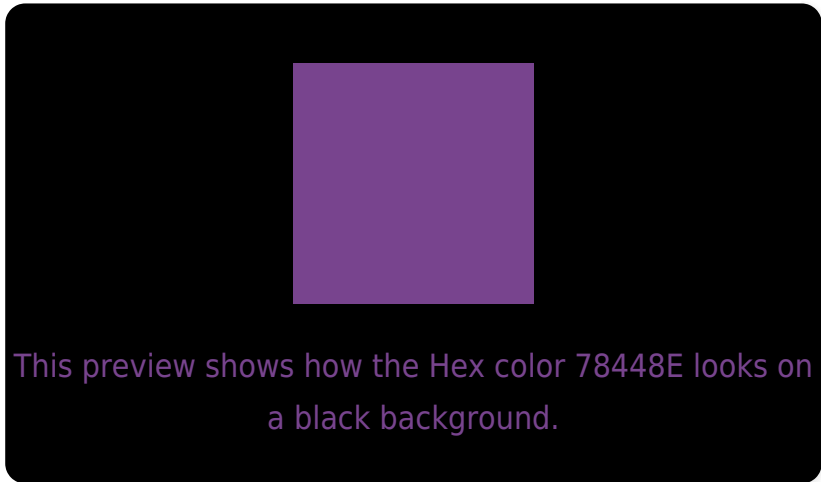
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

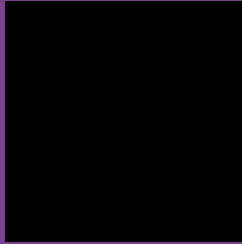
Any Text WCAG AA × Fail

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 78448E Background



This preview shows how black text looks on a background with the Hex color 78448E.

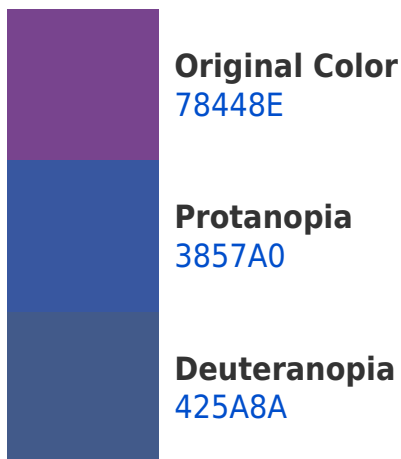



This preview shows how white text looks on a background with the Hex color 78448E.

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
705258

Trichromacy



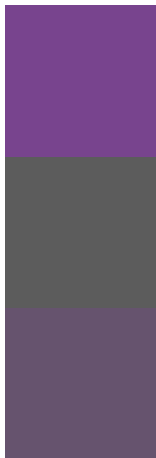
Original Color
78448E

Protanomaly
4F5099

Deuteranomaly
56528B

Tritanomaly
734D6C

Monochromacy



Original Color
78448E

Achromatopsia
5C5C5C

Achromatomaly
66536E

CSS Examples

Text

The CSS property to change the color of the text to Hex 78448E 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 #78448E looks like.

```
.text, #text, p{  
    color:#78448E  
}
```

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 #78448E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78448E
}
```

Border

The CSS property to change the border of an element to Hex 78448E is called "border". The border property can be set on classes, ids or directly on the HTML element.

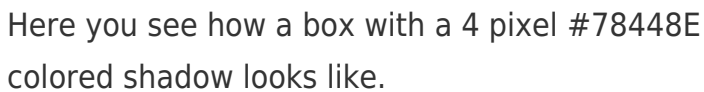
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#78448E }
```

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

```
.border{ border-color:#78448E }
```

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



Here you see how a box with a 4 pixel #78448E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78448E; -webkit-box-shadow:4px 4px  
4px 4px #78448E; box-shadow:4px 4px 4px  
4px #78448E }
```

Background

The CSS property to change the background color of an element to Hex 78448E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78448E }
```

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

```
.background{ background-color:#78448E }
```

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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