

Converting Colors

Hex(84478E)

Have a look what the booklet for
Hex(84478E) contains.

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Color

Hex(84478E)

Conversions

Conversions Part 1

Format	Color
Hex	84478E
RGB	132, 71, 142
RGB Percent	52%, 28%, 56%
CMY	0.4824, 0.7216, 0.4431
CMYK	0.07, 0.50, 0.00, 0.44
HSL	292°, 33%, 42%
HSV	292°, 50%, 56%
XYZ	16.6514, 11.3650, 26.9072
YIQ	97.3330, 13.5650, 35.0130

Conversions

Conversions Part 2

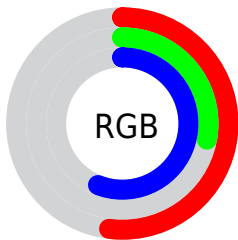
Format	Color
R_{YB}	132, 71, 142
Decimal	8669070
CIE Lab	40.19, 37.58, -28.63
CIE LCh	40, 47.245, 322.700
Yxy	11.3650, 0.3032, 0.2069
Android (android.graphics.Color)	4286859150 (0xFF84478E)
YUV	97.3330, 22.0208, 30.4030
Hunter-Lab	33.7120, 29.1708, -23.7239

Details

The Hex color **84478E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **518E47**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **BB7AC4**, and **50165B** is the 20% darker color. If you saturate the color by 10%, you get **82398E**, and if you desaturate by 10%, it is **86558E**.

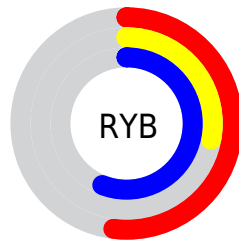
Distribution



Red (52%)

Green (28%)

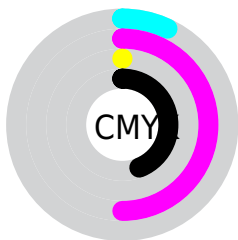
Blue (56%)



Red (52%)

Yellow (28%)

Blue (56%)

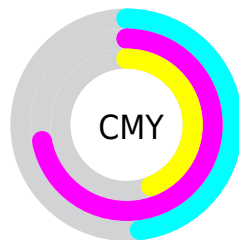


Cyan (7%)

Magenta (50%)

Yellow (0%)

Black (44%)



Cyan (48%)

Magenta (72%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84478E 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 84478E by changing the saturation by 10% instead.

■ 84478E

■ 84478E

FFFFFF

■ 6A2F74

■ BB7AC4

■ 50165B

■ D794E0

■ 380043

■ F4AFFD

■ 24002D

■ FFCBFF

■ 000117

■ FFE7FF

■ 000000

■ 84478E

■ 84478E

■ 82398E

■ 86558E

■ 802B8E

■ 88638E

 7E1C8E

 8A728E

 7C0E8E

 8C808E

 7A008E

 8E8E8E

 909C8E

 92AA8E

 94B98E

 96C78E

Harmonies

Analogous

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



4C58A6



84478E



9F396A

Triad

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



84478E



7A5A04



00717B

Complementary

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



84478E



518E47

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.



007054



84478E



55650B

Square

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



84478E



954A21



206D2D



006E9C

Rectangle

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



84478E



A43950



206D2D



00716F

Sweetspot

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



84478E



B49CB8



47528E



594B5C



DBDBDB



5C5C5C

Same Dimension

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



84478E



A849B8



8E4775



464047



740087



070008

Inverse Universe

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



8E4751



B84959



478E60



474041



870013



080001

Previews

White Background



This preview shows how the Hex color 84478E looks on a white background.

Color Contrast Check

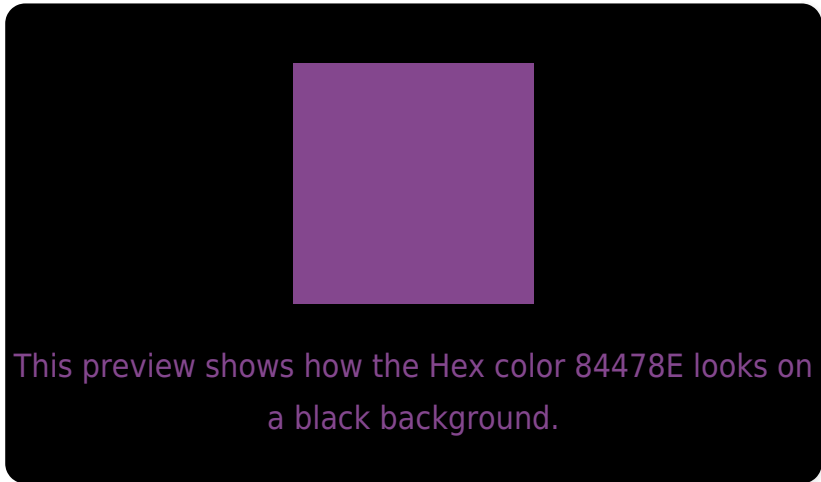
Large Text (above 18pt) WCAG AA ✓ Pass

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

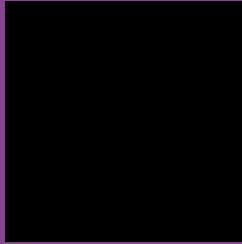
Any Text WCAG AA × Fail

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 84478E Background



This preview shows how black text looks on a background with the Hex color 84478E.

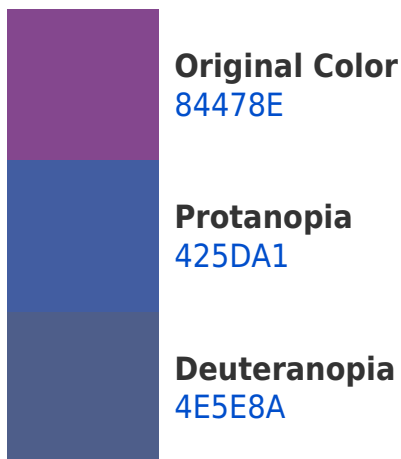



This preview shows how white text looks on a background with the Hex color 84478E.

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
7D545A

Trichromacy



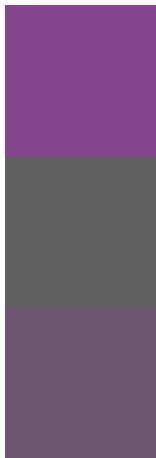
Original Color
84478E

Protanomaly
5A559A

Deuteranomaly
62568B

Tritanomaly
804F6D

Monochromacy



Original Color
84478E

Achromatopsia
616161

Achromatomaly
6E5871

CSS Examples

Text

The CSS property to change the color of the text to Hex 84478E 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 #84478E looks like.

```
.text, #text, p{  
    color:#84478E  
}
```

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 #84478E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84478E
}
```

Border

The CSS property to change the border of an element to Hex 84478E is called "border". The border property can be set on classes, ids or directly on the HTML element.

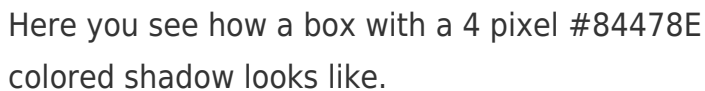
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#84478E }
```

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

```
.border{ border-color:#84478E }
```

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



Here you see how a box with a 4 pixel #84478E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84478E; -webkit-box-shadow:4px 4px  
4px 4px #84478E; box-shadow:4px 4px 4px  
4px #84478E }
```

Background

The CSS property to change the background color of an element to Hex 84478E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84478E }
```

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

```
.background{ background-color:#84478E }
```

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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