

# Converting Colors

Hex(87528C)

Have a look what the booklet for  
Hex(87528C) contains.

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# Color

Hex(87528C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	87528C
RGB	135, 82, 140
RGB Percent	53%, 32%, 55%
CMY	0.4706, 0.6784, 0.4510
CMYK	0.04, 0.41, 0.00, 0.45
HSL	295°, 26%, 44%
HSV	295°, 41%, 55%
XYZ	17.7426, 13.0789, 26.4003
YIQ	104.4590, 12.9700, 29.2740

# Conversions

## Conversions Part 2

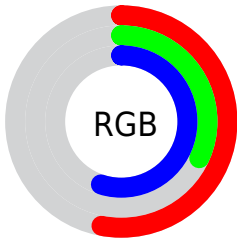
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	135, 82, 140
Decimal	8868492
CIE Lab	42.88, 31.96, -23.19
CIE LCh	43, 39.485, 324.028
Yxy	13.0789, 0.3101, 0.2286
Android (android.graphics.Color)	4287058572 (0xFF87528C)
YUV	104.4590, 17.5217, 26.7845
Hunter-Lab	36.1648, 24.2844, -17.9663

# Details

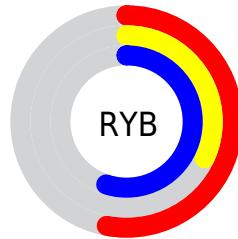
The Hex color **87528C** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **578C52**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **BD85C2**, and **54225A** is the 20% darker color. If you saturate the color by 10%, you get **86448C**, and if you desaturate by 10%, it is **88608C**.

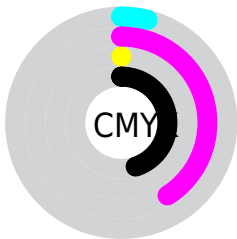
# Distribution



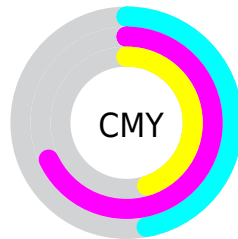
- Red (53%)
- Green (32%)
- Blue (55%)



- Red (53%)
- Yellow (32%)
- Blue (55%)



- Cyan (4%)
- Magenta (41%)
- Yellow (0%)
- Black (45%)



- Cyan (47%)
- Magenta (68%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 87528C 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 87528C by changing the saturation by 10% instead.



 87528C

 87528C

FFFFFF

 6D3A72

 BD85C2

 54225A

 DA9FDE

 3B0A42

 F6BBFA

 26002C

 FFD7FF

 000016

 FFF3FF

 000000

 87528C

 87528C

 86448C

 88608C

 85368C

 896E8C

 83288C

 8B7C8C

 821A8C

 8C8A8C

 810C8C

 8D988C

 80008C

 8EA68C

 8FB48C

 91C28C

 92D08C

# Harmonies

## Analogous

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



5C5FA1



87528C



9D496D

# Triad

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



87528C



7D6121



00757F

# Complementary

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



87528C



578C52

# 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.



00755D



87528C



5E6B26

# Square

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



87528C



955531



35723D



007299

# Rectangle

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



87528C



A24957



35723D



007574



# Sweetspot

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



87528C



B39FB5



52588C



5B4F5C



DBDBDB



5C5C5C



# Same Dimension

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



87528C



AD5BB5



8C5275



443E45



790085



050005



# Inverse Universe

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



8C5257



B55B62



528C69



453E3F



85000B

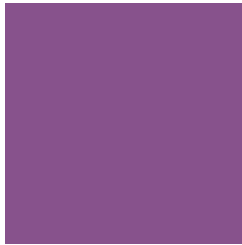


050000



# Previews

## White Background



This preview shows how the Hex color 87528C looks on a white background.

## Color Contrast Check

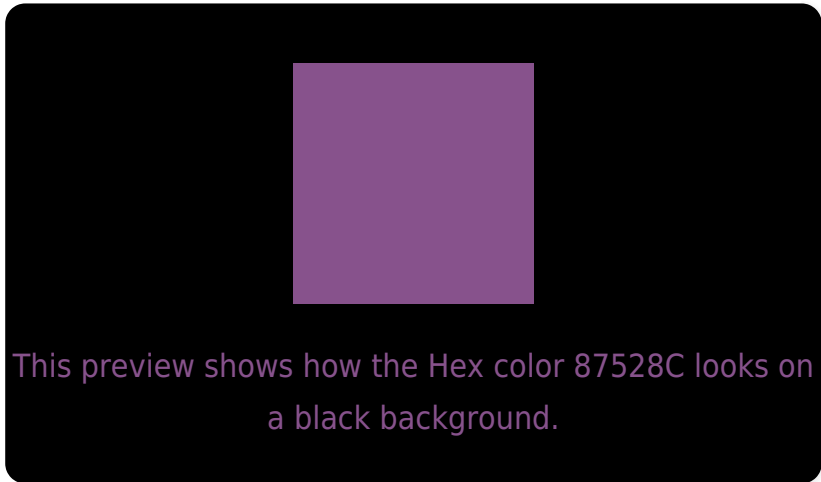
Large Text (above 18pt) WCAG AA ✓ Pass

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

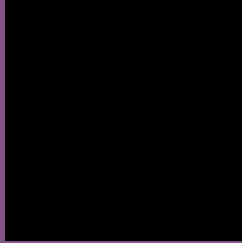
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 87528C Background



This preview shows how black text looks on a background with the Hex color 87528C.

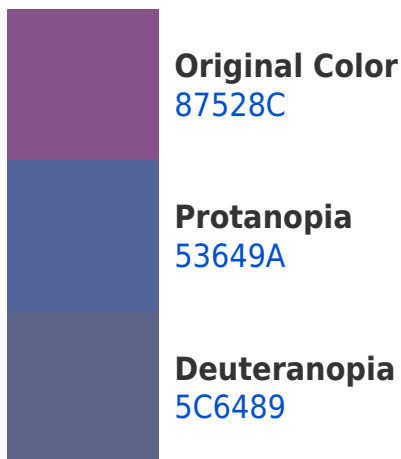


This preview shows how white text looks on a background with the Hex color 87528C.

# 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**  
815B62

# Trichromacy



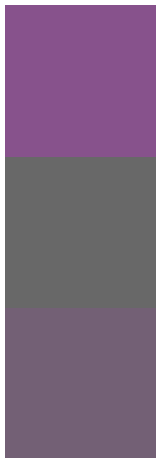
**Original Color**  
87528C

**Protanomaly**  
665D95

**Deuteranomaly**  
6C5D8A

**Tritanomaly**  
835871

# Monochromacy



**Original Color**  
87528C

**Achromatopsia**  
686868

**Achromatomaly**  
736075

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 87528C 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 #87528C looks like.

```
.text, #text, p{  
    color:#87528C  
}
```

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 #87528C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87528C
}
```

## Border

The CSS property to change the border of an element to Hex 87528C is called "border". The border property can be set on classes, ids or directly on the HTML element.

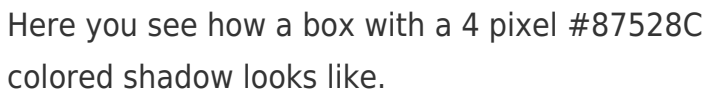
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87528C }
```

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

```
.border{ border-color:#87528C }
```

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



Here you see how a box with a 4 pixel #87528C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87528C; -webkit-box-shadow:4px 4px  
4px 4px #87528C; box-shadow:4px 4px 4px  
4px #87528C }
```

# Background

The CSS property to change the background color of an element to Hex 87528C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87528C }
```

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

```
.background{ background-color:#87528C }
```

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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