

Converting Colors

Hex(57008A)

Have a look what the booklet for
Hex(57008A) contains.

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Color

Hex(57008A)

Conversions

Conversions Part 1

Format	Color
Hex	57008A
RGB	87, 0, 138
RGB Percent	34%, 0%, 54%
CMY	0.6588, 1.0000, 0.4588
CMYK	0.37, 1.00, 0.00, 0.46
HSL	278°, 100%, 27%
HSV	278°, 100%, 54%
XYZ	8.5179, 3.8612, 24.3411
YIQ	41.7450, 7.5540, 61.3620

Conversions

Conversions Part 2

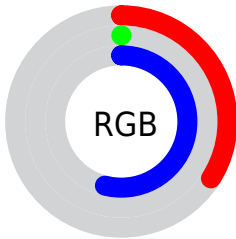
Format	Color
RYB	87, 0, 138
Decimal	5701770
CIELab	23.21, 54.76, -53.78
CIELCh	23, 76.753, 315.513
Yxy	3.8612, 0.2320, 0.1052
Android (android.graphics.Color)	4283891850 (0xFF57008A)
YUV	41.7450, 47.4537, 39.6886
Hunter-Lab	19.6500, 42.9892, -59.6896

Details

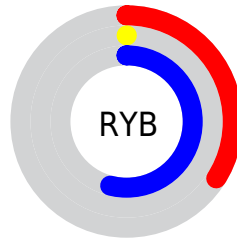
The Hex color **57008A** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **338A00**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **8E40C1**, and **200057** is the 20% darker color. If you saturate the color by 10%, you get **57008A**, and if you desaturate by 10%, it is **5C0E8A**.

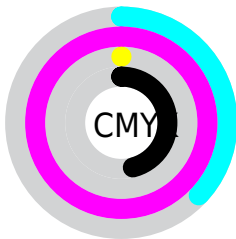
Distribution



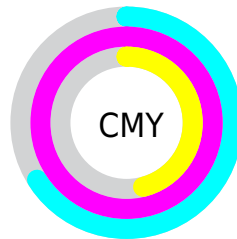
- Red (34%)
- Green (0%)
- Blue (54%)



- Red (34%)
- Yellow (0%)
- Blue (54%)



- Cyan (37%)
- Magenta (100%)
- Yellow (0%)
- Black (46%)



- Cyan (66%)
- Magenta (100%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57008A 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 57008A by changing the saturation by 10% instead.

 57008A

 57008A

FFFFFF

 3B0070

 8E40C1

 200057

 AB5ADD

 00003F

 C875FA

 000327

 E590FF

 000111

 FFACFF

 000000

 FFC8FF

 FFE5FF

 57008A

■ 5C0E8A

■ 611C8A

■ 66298A

■ 6B378A

■ 70458A

■ 76538A

■ 7B618A

■ 806E8A

■ 857C8A

Harmonies

Analogous

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



0037AA



57008A



890056

Triad

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



57008A



5B2A00



004B55

Complementary

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



57008A



338A00

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.



004917



57008A



283E00

Square

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



57008A



7F0000



004600



004C8B

Rectangle

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



57008A



930030



004600



004A41

Sweetspot

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



57008A



9F7DB3



00358A



4D3959



D9D9D9



595959

Same Dimension

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



57008A



7100B3



8A007A



423E45



540085



030005

Inverse Universe

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



8A0033



B30042



008A10



453E41



850031



050002

Previews

White Background



This preview shows how the Hex color 57008A looks on a white background.

Color Contrast Check

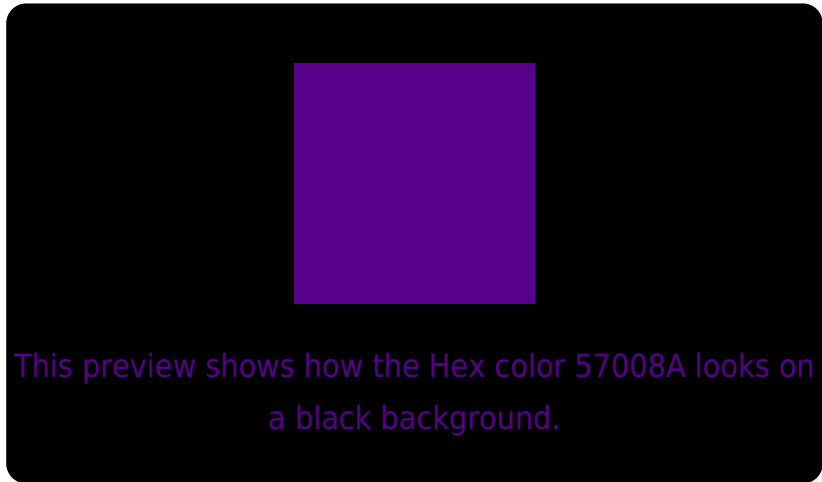
Large Text (above 18pt) WCAG AA ✓ Pass

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

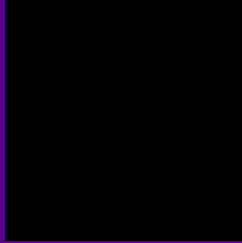
Any Text WCAG AA × Fail

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 57008A Background



This preview shows how black text looks on a background with the Hex color 57008A.



This preview shows how white text looks on a background with the Hex color 57008A.

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](#).

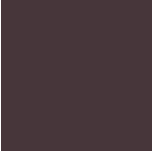
Dichromacy



Original Color
57008A

Protanopia
003977

Deuteranopia
003C67



Tritanopia
47363A

Trichromacy



Original Color
57008A

Protanomaly
20247E

Deuteranomaly
202674

Tritanomaly
4D2257

Monochromacy



Original Color
57008A

Achromatopsia
2A2A2A

Achromatomaly
3A1B4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 57008A 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 #57008A looks like.

```
.text, #text, p{  
    color:#57008A  
}
```

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 #57008A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57008A
}
```

Border

The CSS property to change the border of an element to Hex 57008A is called "border". The border property can be set on classes, ids or directly on the HTML element.

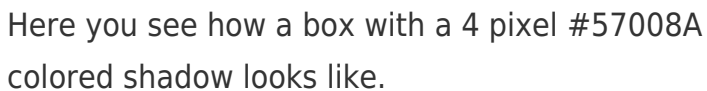
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#57008A }
```

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

```
.border{ border-color:#57008A }
```

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



Here you see how a box with a 4 pixel #57008A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57008A; -webkit-box-shadow:4px 4px  
4px 4px #57008A; box-shadow:4px 4px 4px  
4px #57008A }
```

Background

The CSS property to change the background color of an element to Hex 57008A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57008A }
```

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

```
.background{ background-color:#57008A }
```

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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