

Converting Colors

Hex(5F008A)

Have a look what the booklet for
Hex(5F008A) contains.

Hex(5F008A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5F008A)

Conversions

Conversions Part 1

Format	Color
Hex	5F008A
RGB	95, 0, 138
RGB Percent	37%, 0%, 54%
CMY	0.6275, 1.0000, 0.4588
CMYK	0.31, 1.00, 0.00, 0.46
HSL	281°, 100%, 27%
HSV	281°, 100%, 54%
XYZ	9.3068, 4.2679, 24.3780
YIQ	44.1370, 12.3220, 63.0580

Conversions

Conversions Part 2

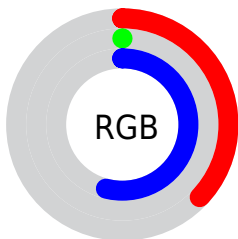
Format	Color
RYB	95, 0, 138
Decimal	6226058
CIELab	24.54, 55.72, -51.55
CIElCh	25, 75.913, 317.228
Yxy	4.2679, 0.2452, 0.1125
Android (android.graphics.Color)	4284416138 (0xFF5F008A)
YUV	44.1370, 46.2745, 44.6069
Hunter-Lab	20.6588, 44.2609, -55.5027

Details

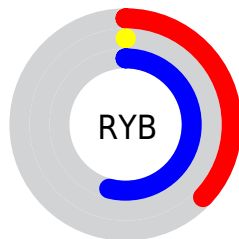
The Hex color **5F008A** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **2B8A00**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **9642C0**, and **280057** is the 20% darker color. If you saturate the color by 10%, you get **5F008A**, and if you desaturate by 10%, it is **630E8A**.

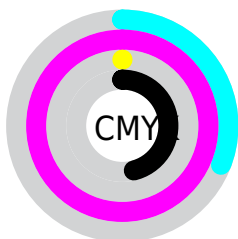
Distribution



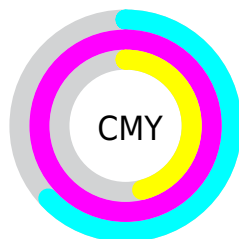
- Red (37%)
- Green (0%)
- Blue (54%)



- Red (37%)
- Yellow (0%)
- Blue (54%)



- Cyan (31%)
- Magenta (100%)
- Yellow (0%)
- Black (46%)



- Cyan (63%)
- Magenta (100%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F008A 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 5F008A by changing the saturation by 10% instead.

 5F008A

 5F008A

FFFFFF

 440070

 9642C0

 280057

 B35CDD

 08003F

 D077FA

 000328

 ED92FF

 000111

 FFAEFF

 000000

 FFCAFF

 FFE7FF

 5F008A

 630E8A

 681C8A

 6C298A

 70378A

 74458A

 79538A

 7D618A

 816E8A

 867C8A

Harmonies

Analogous

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



0038AC



5F008A



8E0055

Triad

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



5F008A



5C2F00



004E5B

Complementary

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



5F008A



2B8A00

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.



004D1E



5F008A



284200

Square

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



5F008A



810000



004A00



004F90

Rectangle

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



5F008A



960030



004A00



004E47

Sweetspot

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



5F008A



A27DB3



002C8A



4F3959



D9D9D9



595959

Same Dimension

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



5F008A



7B00B3



8A0071



433E45



5B0085



040005

Inverse Universe

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



8A002B



B30038



008A19



453E40



850029



050002

Previews

White Background



This preview shows how the Hex color 5F008A looks on a white background.

Color Contrast Check

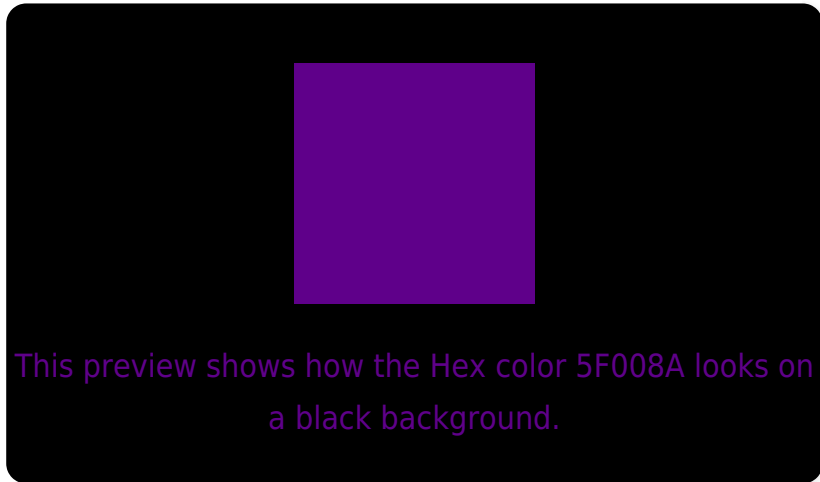
Large Text (above 18pt) WCAG AA ✓ Pass

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 5F008A Background



This preview shows how black text looks on a background with the Hex color 5F008A.



This preview shows how white text looks on a background with the Hex color 5F008A.

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
5F008A

Protanopia
003C7D

Deuteranopia
003F6D



Tritanopia
51363A

Trichromacy



Original Color
5F008A

Protanomaly
232682

Deuteranomaly
232878

Tritanomaly
562257

Monochromacy



Original Color
5F008A

Achromatopsia
2C2C2C

Achromatomaly
3F1C4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F008A 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 #5F008A looks like.

```
.text, #text, p{  
    color:#5F008A  
}
```

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 #5F008A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F008A
}
```

Border

The CSS property to change the border of an element to Hex 5F008A is called "border". The border property can be set on classes, ids or directly on the HTML element.

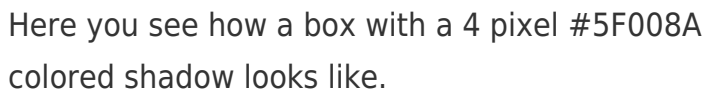
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F008A }
```

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

```
.border{ border-color:#5F008A }
```

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



Here you see how a box with a 4 pixel #5F008A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F008A; -webkit-box-shadow:4px 4px  
4px 4px #5F008A; box-shadow:4px 4px 4px  
4px #5F008A }
```

Background

The CSS property to change the background color of an element to Hex 5F008A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F008A }
```

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

```
.background{ background-color:#5F008A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor