

Converting Colors

Hex(50008C)

Have a look what the booklet for
Hex(50008C) contains.

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Color

Hex(50008C)

Conversions

Conversions Part 1

Format	Color
Hex	50008C
RGB	80, 0, 140
RGB Percent	31%, 0%, 55%
CMY	0.6863, 1.0000, 0.4510
CMYK	0.43, 1.00, 0.00, 0.45
HSL	274°, 100%, 27%
HSV	274°, 100%, 55%
XYZ	8.0419, 3.5989, 25.0817
YIQ	39.8800, 2.7400, 60.5000

Conversions

Conversions Part 2

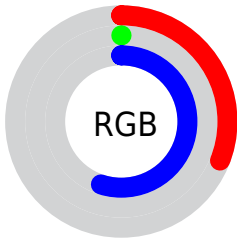
Format	Color
R_{YB}	80, 0, 140
Decimal	5243020
CIE _{Lab}	22.30, 54.42, -56.57
CIE _{LCh}	22, 78.499, 313.893
Yxy	3.5989, 0.2190, 0.0980
Android (android.graphics.Color)	4283433100 (0xFF50008C)
YUV	39.8800, 49.3592, 35.1852
Hunter-Lab	18.9708, 42.4687, -65.1090

Details

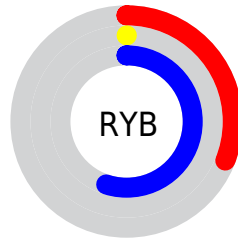
The Hex color **50008C** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **3C8C00**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **883FC3**, and **160059** is the 20% darker color. If you saturate the color by 10%, you get **50008C**, and if you desaturate by 10%, it is **560E8C**.

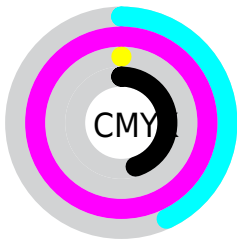
Distribution



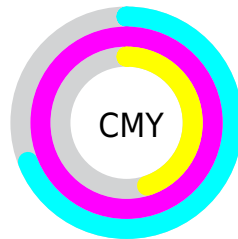
- Red (31%)
- Green (0%)
- Blue (55%)



- Red (31%)
- Yellow (0%)
- Blue (55%)



- Cyan (43%)
- Magenta (100%)
- Yellow (0%)
- Black (45%)



- Cyan (69%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50008C 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 50008C by changing the saturation by 10% instead.

 50008C

 50008C

FFFFFF

 330072

 883FC3

 160059

 A459DF

 000040

 C174FC

 000329

 DE8EFF

 000113

 FCAAFF

 000000

 FFC6FF

 FFE3FF

 50008C

■ 560E8C

■ 5C1C8C

■ 622A8C

■ 68388C

■ 6E468C

■ 74548C

■ 7A628C

■ 80708C

■ 867E8C

Harmonies

Analogous

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



0037AB



50008C



870057

Triad

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



50008C



5B2600



004950

Complementary

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



50008C



3C8C00

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.



004711



50008C



293C00

Square

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



50008C



7F0000



004400



004A88

Rectangle

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



50008C



910031



004400



00483C

Sweetspot

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



50008C



9E7FB5



003D8C



4E3B5C



DBDBDB



5C5C5C

Same Dimension

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



50008C



6700B5



8C0083



423E45



4C0085



030005

Inverse Universe

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



8C003C



B5004E



008C09



453E41



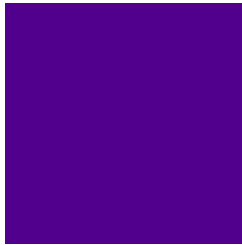
850039



050002

Previews

White Background



This preview shows how the Hex color 50008C looks on a white background.

Color Contrast Check

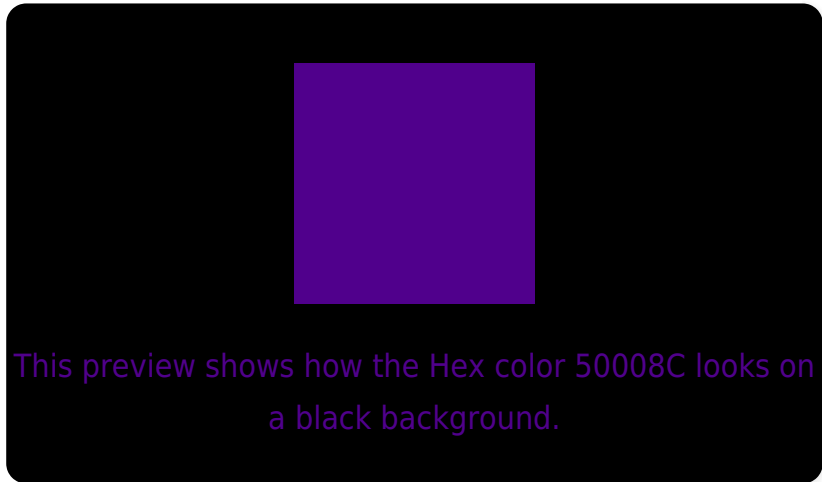
Large Text (above 18pt) WCAG AA ✓ Pass

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

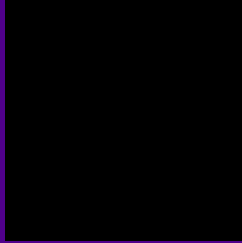
Any Text WCAG AA × Fail

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 50008C Background



This preview shows how black text looks on a background with the Hex color 50008C.



This preview shows how white text looks on a background with the Hex color 50008C.

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
50008C

Protanopia
003773

Deuteranopia
003A63



Tritanopia
3E373B

Trichromacy



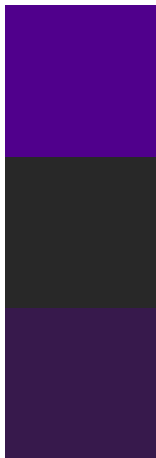
Original Color
50008C

Protanomaly
1D237C

Deuteranomaly
1D2572

Tritanomaly
452358

Monochromacy



Original Color
50008C

Achromatopsia
282828

Achromatomaly
37194C

CSS Examples

Text

The CSS property to change the color of the text to Hex 50008C 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 #50008C looks like.

```
.text, #text, p{  
    color:#50008C  
}
```

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 #50008C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50008C
}
```

Border

The CSS property to change the border of an element to Hex 50008C is called "border". The border property can be set on classes, ids or directly on the HTML element.

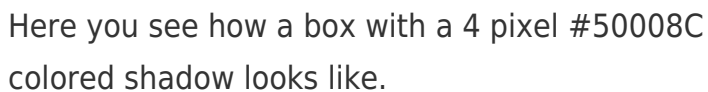
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50008C }
```

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

```
.border{ border-color:#50008C }
```

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



Here you see how a box with a 4 pixel #50008C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50008C; -webkit-box-shadow:4px 4px  
4px 4px #50008C; box-shadow:4px 4px 4px  
4px #50008C }
```

Background

The CSS property to change the background color of an element to Hex 50008C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50008C }
```

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

```
.background{ background-color:#50008C }
```

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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