

Converting Colors

Hex(4B048F)

Have a look what the booklet for
Hex(4B048F) contains.

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Color

Hex(4B048F)

Conversions

Conversions Part 1

Format	Color
Hex	4B048F
RGB	75, 4, 143
RGB Percent	29%, 2%, 56%
CMY	0.7059, 0.9843, 0.4392
CMYK	0.48, 0.97, 0.00, 0.44
HSL	271°, 95%, 29%
HSV	271°, 97%, 56%
XYZ	7.9030, 3.5659, 26.2583
YIQ	41.0750, -2.3030, 58.2810

Conversions

Conversions Part 2

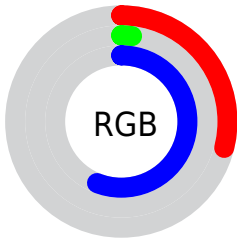
Format	Color
R_{YB}	75, 4, 143
Decimal	4916367
CIE _{Lab}	22.18, 53.66, -58.66
CIE _{LCh}	22, 79.501, 312.451
Yxy	3.5659, 0.2095, 0.0945
Android (android.graphics.Color)	4283106447 (0xFF4B048F)
YUV	41.0750, 50.2490, 29.7522
Hunter-Lab	18.8835, 41.6586, -69.2270

Details

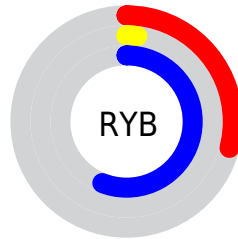
The Hex color **4B048F** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **488F04**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **8340C6**, and **0C005B** is the 20% darker color. If you saturate the color by 10%, you get **49008F**, and if you desaturate by 10%, it is **52128F**.

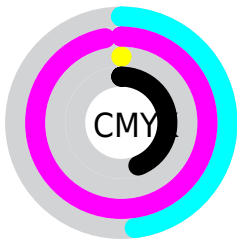
Distribution



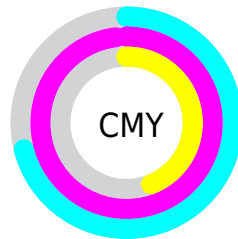
- Red (29%)
- Green (2%)
- Blue (56%)



- Red (29%)
- Yellow (2%)
- Blue (56%)



- Cyan (48%)
- Magenta (97%)
- Yellow (0%)
- Black (44%)



- Cyan (71%)
- Magenta (98%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B048F 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 4B048F by changing the saturation by 10% instead.

 4B048F

 4B048F

FFFFFF

 2D0075

 8340C6

 0C005B

 A05AE2

 000043

 BD74FF

 00032B

 DA8FFF

 000116

 F8ABFF

 000000

 FFC7FF

 FFE3FF

 4B048F

 4B048F

■ 49008F

■ 52128F

■ 59218F

■ 602F8F

■ 673D8F

■ 6E4B8F

■ 755A8F

■ 7C688F

■ 83768F

■ 8A858F

Harmonies

Analogous

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



0038AD



4B048F



86005A

Triad

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



4B048F



5D2400



00494D

Complementary

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



4B048F



488F04

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.



00470C



4B048F



2B3B00

Square

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



4B048F



810000



004300



004A86

Rectangle

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



4B048F



920034



004300



004839

Sweetspot

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



4B048F



A084BA



044A8F



4E3D5E



DEDEDE



5E5E5E

Same Dimension

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



4B048F



5F00BA



8F048F



444047



450087



040008

Inverse Universe

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



8F0448



BA005B



048F04



474044



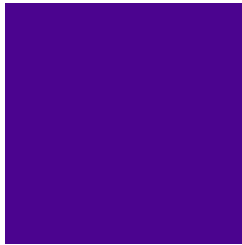
870042



080004

Previews

White Background



This preview shows how the Hex color 4B048F looks on a white background.

Color Contrast Check

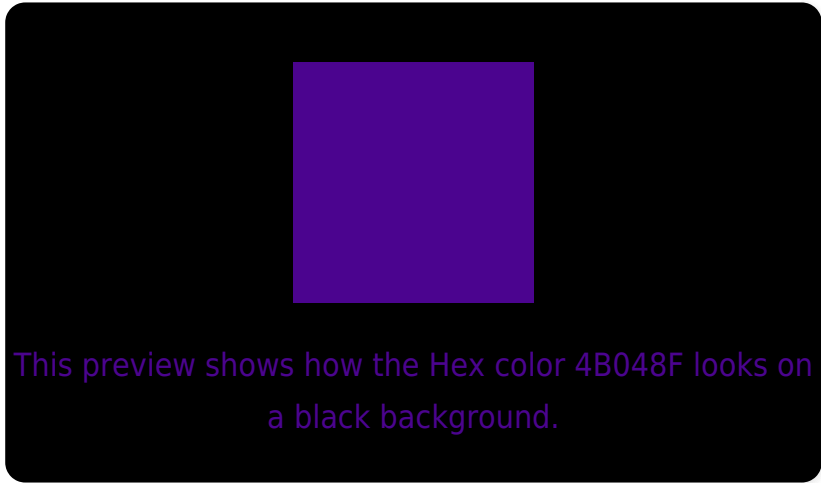
Large Text (above 18pt) WCAG AA ✓ Pass

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

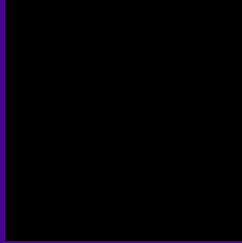
Any Text WCAG AA × Fail

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 4B048F Background



This preview shows how black text looks on a background with the Hex color 4B048F.



This preview shows how white text looks on a background with the Hex color 4B048F.

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](#).

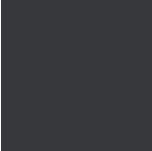
Dichromacy



Original Color
4B048F

Protanopia
003671

Deuteranopia
003961



Tritanopia
36383C

Trichromacy



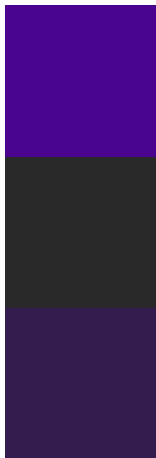
Original Color
4B048F

Protanomaly
1B247C

Deuteranomaly
1B2672

Tritanomaly
3E255A

Monochromacy



Original Color
4B048F

Achromatopsia
292929

Achromatomaly
351C4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B048F 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 #4B048F looks like.

```
.text, #text, p{  
    color:#4B048F  
}
```

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 #4B048F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B048F
}
```

Border

The CSS property to change the border of an element to Hex 4B048F is called "border". The border property can be set on classes, ids or directly on the HTML element.

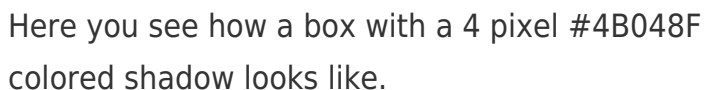
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B048F }
```

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

```
.border{ border-color:#4B048F }
```

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



Here you see how a box with a 4 pixel #4B048F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B048F; -webkit-box-shadow:4px 4px  
4px 4px #4B048F; box-shadow:4px 4px 4px  
4px #4B048F }
```

Background

The CSS property to change the background color of an element to Hex 4B048F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B048F }
```

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

```
.background{ background-color:#4B048F }
```

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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