

Converting Colors

Hex(4B0078)

Have a look what the booklet for
Hex(4B0078) contains.

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Color

Hex(4B0078)

Conversions

Conversions Part 1

Format	Color
Hex	4B0078
RGB	75, 0, 120
RGB Percent	29%, 0%, 47%
CMY	0.7059, 1.0000, 0.5294
CMYK	0.37, 1.00, 0.00, 0.53
HSL	278°, 100%, 24%
HSV	278°, 100%, 47%
XYZ	6.2918, 2.8519, 17.9882
YIQ	36.1050, 6.1800, 53.2200

Conversions

Conversions Part 2

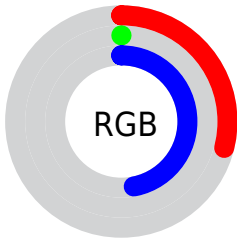
Format	Color
R_{YB}	75, 0, 120
Decimal	4915320
CIE _{Lab}	19.44, 49.50, -48.64
CIE _{LCh}	19, 69.396, 315.504
Yxy	2.8519, 0.2319, 0.1051
Android (android.graphics.Color)	4283105400 (0xFF4B0078)
YUV	36.1050, 41.3602, 34.1109
Hunter-Lab	16.8876, 36.9503, -51.3324

Details

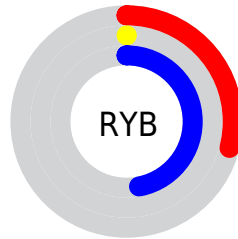
The Hex color **4B0078** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2D7800**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **813CAD**, and **190046** is the 20% darker color. If you saturate the color by 10%, you get **4B0078**, and if you desaturate by 10%, it is **4F0C78**.

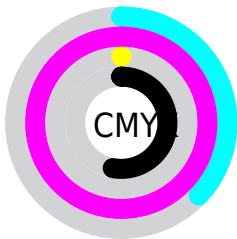
Distribution



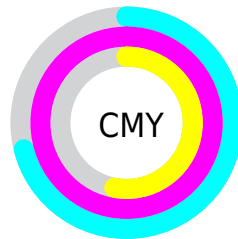
- Red (29%)
- Green (0%)
- Blue (47%)



- Red (29%)
- Yellow (0%)
- Blue (47%)



- Cyan (37%)
- Magenta (100%)
- Yellow (0%)
- Black (53%)



- Cyan (71%)
- Magenta (100%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B0078 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 4B0078 by changing the saturation by 10% instead.

 4B0078

 4B0078

 FFFBFF

 30005F

 813CAD

 190046

 9D56C9

 00012F

 B970E5

 000119

 D68AFF

 000000

 F3A5FF

 FFC1FF

 FFDEFF

 4B0078

■ 4F0C78

■ 541878

■ 592478

■ 5D3078

■ 623C78

■ 664878

■ 6A5478

■ 6F6078

■ 736C78

Harmonies

Analogous

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



002F94



4B0078



77004A

Triad

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



4B0078



4F2300



004149

Complementary

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



4B0078



2D7800

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.



003F13



4B0078



223500

Square

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



4B0078



6F0000



003C00



004178

Rectangle

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



4B0078



800029



003C00



004038

Sweetspot

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



4B0078



8A6D9C



002E78



44334F



CFCFCF



4F4F4F

Same Dimension

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



4B0078



61009C



78006A



3B373D



4E007D



9E00FC

Inverse Universe

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



78002D



9C003A



00780E



3D3739



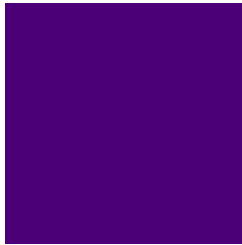
7D002F



FC005F

Previews

White Background



This preview shows how the Hex color 4B0078 looks on a white background.

Color Contrast Check

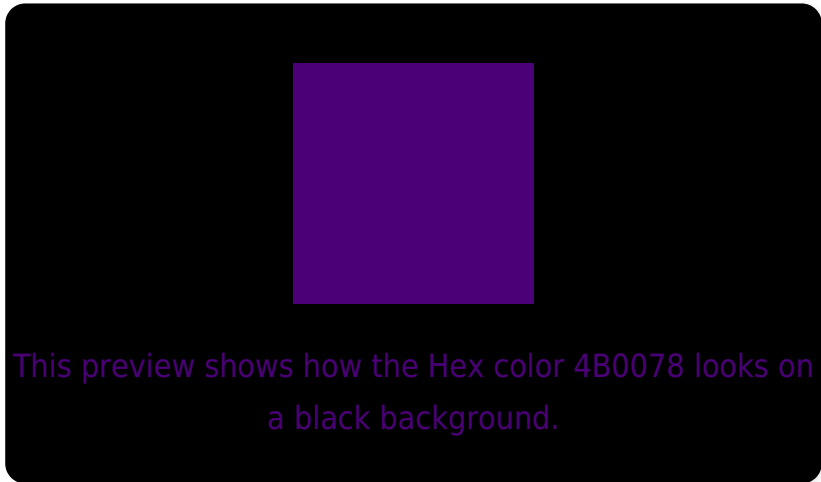
Large Text (above 18pt) WCAG AA ✓ Pass

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

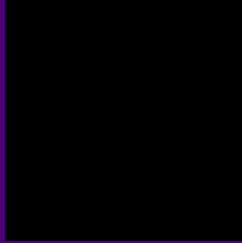
Any Text WCAG AA × Fail

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 4B0078 Background



This preview shows how black text looks on a background with the Hex color 4B0078.

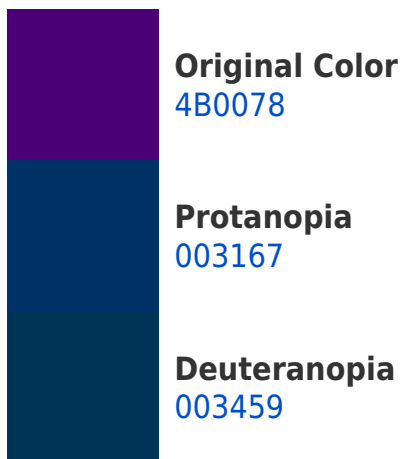


This preview shows how white text looks on a background with the Hex color 4B0078.

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
3D2F32

Trichromacy



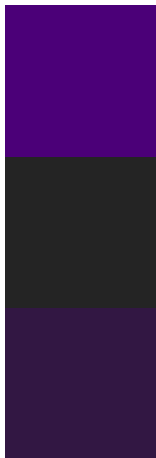
Original Color
4B0078

Protanomaly
1B1F6D

Deuteranomaly
1B2164

Tritanomaly
421E4B

Monochromacy



Original Color
4B0078

Achromatopsia
242424

Achromatomaly
321743

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B0078 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 #4B0078 looks like.

```
.text, #text, p{  
    color:#4B0078  
}
```

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 #4B0078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B0078
}
```

Border

The CSS property to change the border of an element to Hex 4B0078 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
#4B0078 }
```

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

```
.border{ border-color:#4B0078 }
```

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

Here you see how a box with a 4 pixel #4B0078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B0078; -webkit-box-shadow:4px 4px  
4px 4px #4B0078; box-shadow:4px 4px 4px  
4px #4B0078 }
```

Background

The CSS property to change the background color of an element to Hex 4B0078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B0078 }
```

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

```
.background{ background-color:#4B0078 }
```

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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