

Converting Colors

Hex(4B0B7C)

Have a look what the booklet for
Hex(4B0B7C) contains.

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Color

Hex(4B0B7C)

Conversions

Conversions Part 1

Format	Color
Hex	4B0B7C
RGB	75, 11, 124
RGB Percent	29%, 4%, 49%
CMY	0.7059, 0.9569, 0.5137
CMYK	0.40, 0.91, 0.00, 0.51
HSL	274°, 84%, 26%
HSV	274°, 91%, 49%
XYZ	6.6594, 3.1904, 19.3336
YIQ	43.0180, 1.8710, 48.7110

Conversions

Conversions Part 2

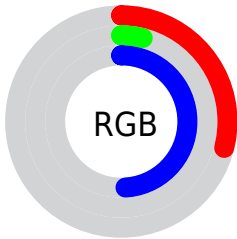
Format	Color
R_{YB}	75, 11, 124
Decimal	4918140
CIE _{Lab}	20.79, 47.55, -48.98
CIE _{LCh}	21, 68.261, 314.149
Yxy	3.1904, 0.2282, 0.1093
Android (android.graphics.Color)	4283108220 (0xFF4B0B7C)
YUV	43.0180, 39.9241, 28.0482
Hunter-Lab	17.8618, 35.2920, -51.6723

Details

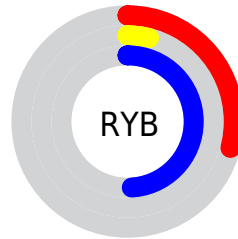
The Hex color **4B0B7C** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3C7C0B**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **8142B2**, and **18004A** is the 20% darker color. If you saturate the color by 10%, you get **46007C**, and if you desaturate by 10%, it is **50177C**.

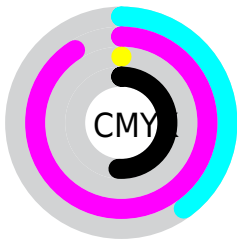
Distribution



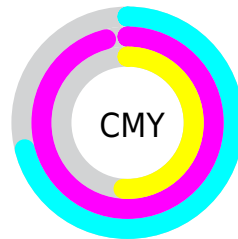
- Red (29%)
- Green (4%)
- Blue (49%)



- Red (29%)
- Yellow (4%)
- Blue (49%)



- Cyan (40%)
- Magenta (91%)
- Yellow (0%)
- Black (51%)



- Cyan (71%)
- Magenta (96%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B0B7C 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 4B0B7C by changing the saturation by 10% instead.



4B0B7C



4B0B7C

FFFFFF



300062



8142B2



18004A



9D5BCD



000032



B975EA



00021C



D690FF



000000



F3ABFF



FFC7FF



FFE3FF



4B0B7C



4B0B7C

■ 46007C

■ 50177C

■ 56247C

■ 5B307C

■ 613D7C

■ 66497C

■ 6B557C

■ 71627C

■ 766E7C

■ 7B7B7C

Harmonies

Analogous

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



003297



4B0B7C



79004F

Triad

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



4B0B7C



542500



00444A

Complementary

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



4B0B7C



3C7C0B

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.



004213



4B0B7C



283700

Square

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



4B0B7C



730000



003F00



004479

Rectangle

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



4B0B7C



82002E



003F00



004338

Sweetspot

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



4B0B7C



8E75A1



0B3E7C



463752



D1D1D1



525252

Same Dimension

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



4B0B7C



5B00A1



7C0B76



3B373D



47007D



8F00FC

Inverse Universe

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



7C0B3C



A10046



0B7C11



3D373A



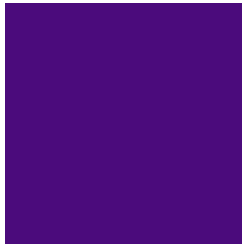
7D0036



FC006D

Previews

White Background



This preview shows how the Hex color 4B0B7C looks on a white background.

Color Contrast Check

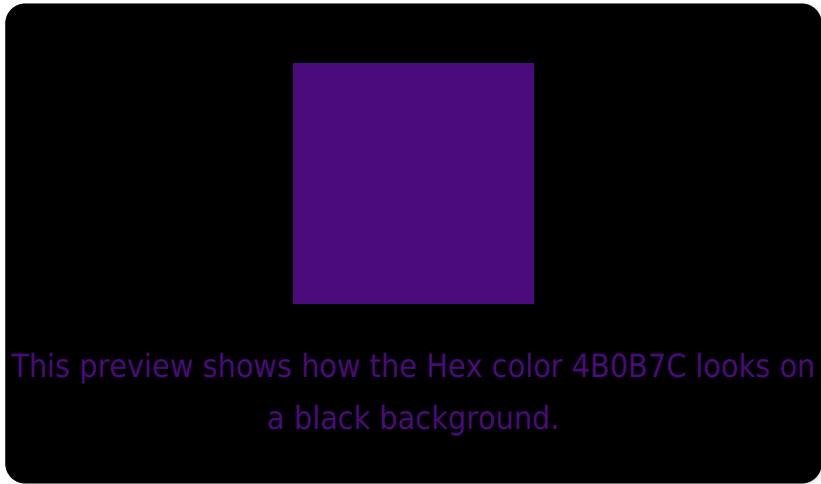
Large Text (above 18pt) WCAG AA ✓ Pass

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

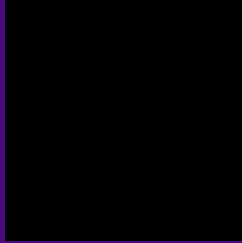
Any Text WCAG AA × Fail

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 4B0B7C Background



This preview shows how black text looks on a background with the Hex color 4B0B7C.



This preview shows how white text looks on a background with the Hex color 4B0B7C.

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](#).

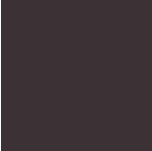
Dichromacy



Original Color
4B0B7C

Protanopia
00326A

Deuteranopia
00365B



Tritanopia
3C3135

Trichromacy



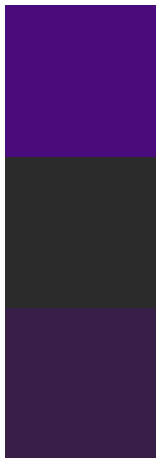
Original Color
4B0B7C

Protanomaly
1B2471

Deuteranomaly
1B2667

Tritanomaly
41234F

Monochromacy



Original Color
4B0B7C

Achromatopsia
2B2B2B

Achromatomaly
371F48

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B0B7C 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 #4B0B7C looks like.

```
.text, #text, p{  
    color:#4B0B7C  
}
```

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 #4B0B7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B0B7C
}
```

Border

The CSS property to change the border of an element to Hex 4B0B7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

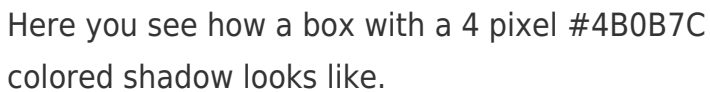
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B0B7C }
```

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

```
.border{ border-color:#4B0B7C }
```

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



Here you see how a box with a 4 pixel #4B0B7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B0B7C; -webkit-box-shadow:4px 4px  
4px 4px #4B0B7C; box-shadow:4px 4px 4px  
4px #4B0B7C }
```

Background

The CSS property to change the background color of an element to Hex 4B0B7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B0B7C }
```

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

```
.background{ background-color:#4B0B7C }
```

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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