

Converting Colors

Hex(4B0F7B)

Have a look what the booklet for
Hex(4B0F7B) contains.

Hex(4B0F7B)	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>	28

Color

Hex(4B0F7B)

Conversions

Conversions Part 1

Format	Color
Hex	4B0F7B
RGB	75, 15, 123
RGB Percent	29%, 6%, 48%
CMY	0.7059, 0.9412, 0.5176
CMYK	0.39, 0.88, 0.00, 0.52
HSL	273°, 78%, 27%
HSV	273°, 88%, 48%
XYZ	6.6476, 3.2676, 19.0192
YIQ	45.2520, 1.0920, 46.3080

Conversions

Conversions Part 2

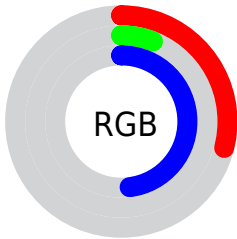
Format	Color
R_{YB}	75, 15, 123
Decimal	4919163
CIE _{Lab}	21.09, 46.16, -47.86
CIE _{LCh}	21, 66.490, 313.962
Yxy	3.2676, 0.2297, 0.1129
Android (android.graphics.Color)	4283109243 (0xFF4B0F7B)
YUV	45.2520, 38.3298, 26.0890
Hunter-Lab	18.0764, 34.0099, -49.7289

Details

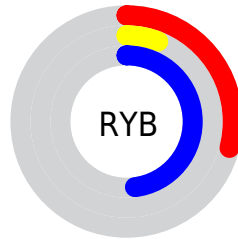
The Hex color **4B0F7B** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3F7B0F**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **8144B0**, and **180049** is the 20% darker color. If you saturate the color by 10%, you get **46037B**, and if you desaturate by 10%, it is **501B7B**.

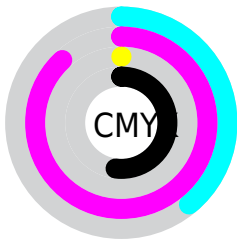
Distribution



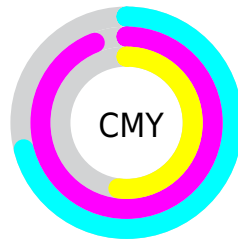
- Red (29%)
- Green (6%)
- Blue (48%)



- Red (29%)
- Yellow (6%)
- Blue (48%)



- Cyan (39%)
- Magenta (88%)
- Yellow (0%)
- Black (52%)



- Cyan (71%)
- Magenta (94%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B0F7B 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 4B0F7B by changing the saturation by 10% instead.

■ 4B0F7B

■ 4B0F7B

FFFFFF

■ 300062

■ 8144B0

■ 180049

■ 9D5DCC

■ 000031

■ B977E9

■ 00011C

■ D592FF

■ 000000

■ F3ADFF

■ FFC9FF

■ FFE5FF

■ 4B0F7B

■ 4B0F7B

■ 46037B

■ 501B7B

■ 44007B

■ 56287B

■ 5B347B

■ 61407B

■ 664C7B

■ 6C597B

■ 71657B

■ 77717B

■ 7C7E7B

Harmonies

Analogous

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



003395



4B0F7B



78004F

Triad

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



4B0F7B



542600



004449

Complementary

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



4B0F7B



3F7B0F

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.



004315



4B0F7B



2A3800

Square

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



4B0F7B



730000



003F00



004477

Rectangle

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



4B0F7B



81002F



003F00



004438

Sweetspot

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



4B0F7B



8E77A1



0F407B



463852



D1D1D1



525252

Same Dimension

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



4B0F7B



5900A1



7B0F76



3A373D



45007D



8C00FC

Inverse Universe

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



7B0F3F



A10047



0F7B14



3D373A



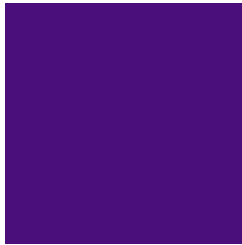
7D0038



FC0070

Previews

White Background



This preview shows how the Hex color 4B0F7B looks on a white background.

Color Contrast Check

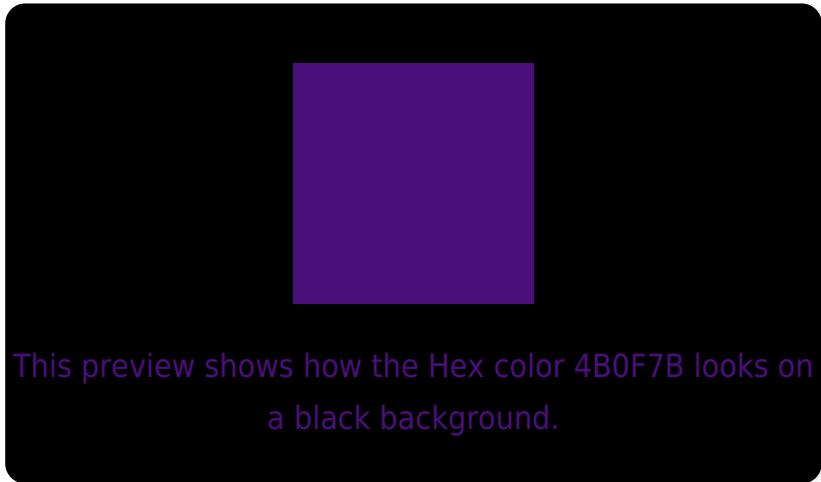
Large Text (above 18pt) WCAG AA ✓ Pass

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

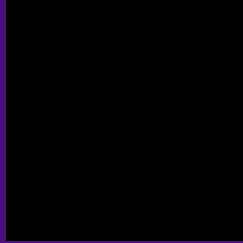
Any Text WCAG AA × Fail

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 4B0F7B Background



This preview shows how black text looks on a background with the Hex color 4B0F7B.

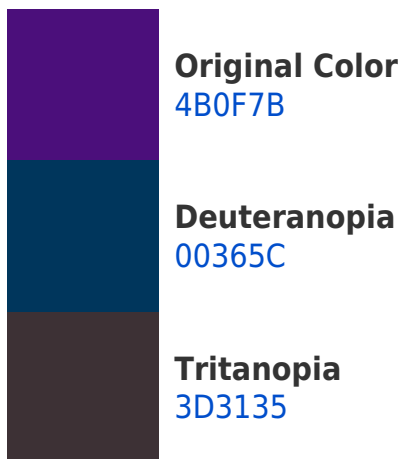


This preview shows how white text looks on a background with the Hex color 4B0F7B.

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



Trichromacy

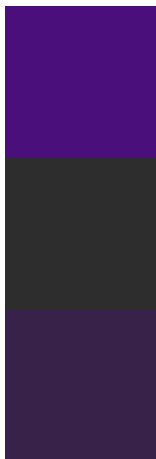


Original Color
4B0F7B

Deuteranomaly
1B2867

Tritanomaly
42254E

Monochromacy



Original Color
4B0F7B

Achromatopsia
2D2D2D

Achromatomaly
382249

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B0F7B 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 #4B0F7B looks like.

```
.text, #text, p{  
    color:#4B0F7B  
}
```

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 #4B0F7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B0F7B
}
```

Border

The CSS property to change the border of an element to Hex 4B0F7B is called "border". The border property can be set on classes, ids or directly on the HTML element.

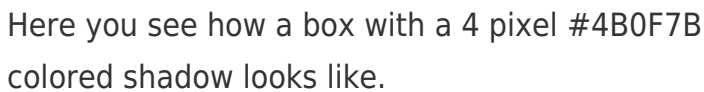
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B0F7B }
```

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

```
.border{ border-color:#4B0F7B }
```

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



Here you see how a box with a 4 pixel #4B0F7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B0F7B; -webkit-box-shadow:4px 4px  
4px 4px #4B0F7B; box-shadow:4px 4px 4px  
4px #4B0F7B }
```

Background

The CSS property to change the background color of an element to Hex 4B0F7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B0F7B }
```

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

```
.background{ background-color:#4B0F7B }
```

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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