

Converting Colors

Hex(4B085D)

Have a look what the booklet for
Hex(4B085D) contains.

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Color

Hex(4B085D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 4B085D |
| RGB | 75, 8, 93 |
| RGB Percent | 29%, 3%, 36% |
| CMY | 0.7059, 0.9686, 0.6353 |
| CMYK | 0.19, 0.91, 0.00, 0.64 |
| HSL | 287°, 84%, 20% |
| HSV | 287°, 91%, 36% |
| XYZ | 4.9643, 2.4598, 10.5691 |
| YIQ | 37.7230, 12.6470, 40.6390 |

Conversions

Conversions Part 2

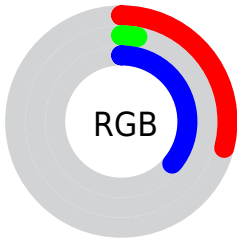
| Format | Color |
|-------------------------------------|--|
| RYB | 75, 8, 93 |
| Decimal | 4917341 |
| CIELab | 17.74, 41.49, -33.75 |
| CIELCh | 18, 53.481, 320.871 |
| Yxy | 2.4598, 0.2759, 0.1367 |
| Android (android.graphics.Color) | 4283107421 (0xFF4B085D) |
| YUV | 37.7230, 27.2516, 32.6919 |
| Hunter-Lab | 15.6839, 29.0522, -28.9758 |

Details

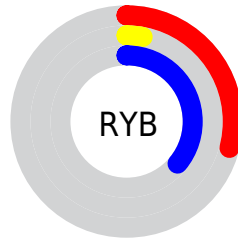
The Hex color **4B085D** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **1A5D08**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **7F3E90**, and **1D002E** is the 20% darker color. If you saturate the color by 10%, you get **49005D**, and if you desaturate by 10%, it is **4D115D**.

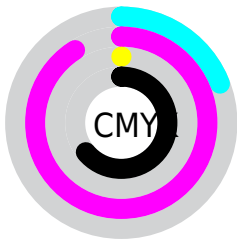
Distribution



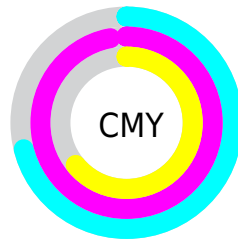
- Red (29%)
- Green (3%)
- Blue (36%)



- Red (29%)
- Yellow (3%)
- Blue (36%)



- Cyan (19%)
- Magenta (91%)
- Yellow (0%)
- Black (64%)



- Cyan (71%)
- Magenta (97%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B085D 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 4B085D by changing the saturation by 10% instead.

 4B085D

 4B085D

 FFFBFF

 320045

 7F3E90

 1D002E

 9A57AB

 000118

 B670C6

 000000

 D28BE2

 EFA6FF

 FFC1FF

 FFDEFF

 4B085D

 4B085D

■ 49005D

■ 4D115D

■ 4F1B5D

■ 51245D

■ 532D5D

■ 55375D

■ 57405D

■ 59495D

■ 5B525D

■ 5D5C5D

Harmonies

Analogous

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



002775



4B085D



660039

Triad

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



4B085D



402600



003A46

Complementary

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



4B085D



1A5D08

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.



00391E



4B085D



1C3100

Square

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



4B085D



5B0C00



003700



003968

Rectangle

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



4B085D



6B0020



003700



003A39

Sweetspot

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



4B085D



715778



081A5D



392A3D



BDBDBD



3D3D3D

Same Dimension

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



4B085D



5E0078



5D0845



2D292E



56006E



BB00ED

Inverse Universe

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



5D081A



780019



085D20



2E292A



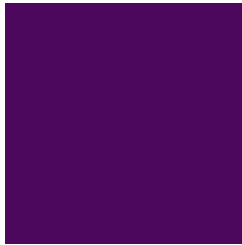
6E0017



ED0032

Previews

White Background



This preview shows how the Hex color 4B085D looks on a white background.

Color Contrast Check

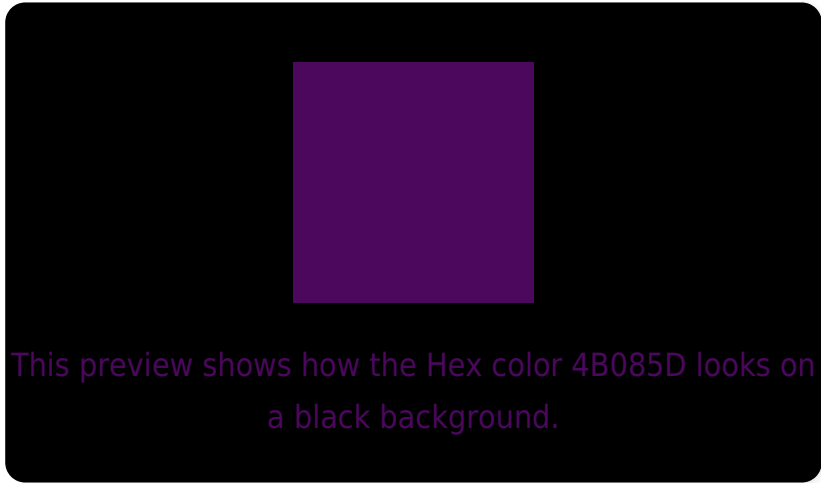
Large Text (above 18pt) WCAG AA ✓ Pass

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

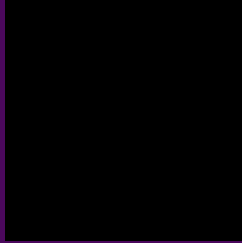
Any Text WCAG AA × Fail

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 4B085D Background



This preview shows how black text looks on a background with the Hex color 4B085D.



This preview shows how white text looks on a background with the Hex color 4B085D.

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
4B085D

Protanopia
002D5E

Deuteranopia
002F52



Tritanopia
432528

Trichromacy



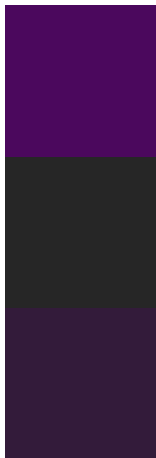
Original Color
4B085D

Protanomaly
1B205E

Deuteranomaly
1B2156

Tritanomaly
461A3B

Monochromacy



Original Color
4B085D

Achromatopsia
262626

Achromatomaly
331B3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B085D 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 #4B085D looks like.

```
.text, #text, p{  
    color:#4B085D  
}
```

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 #4B085D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B085D
}
```

Border

The CSS property to change the border of an element to Hex 4B085D is called "border". The border property can be set on classes, ids or directly on the HTML element.

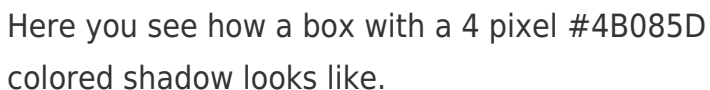
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B085D }
```

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

```
.border{ border-color:#4B085D }
```

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



Here you see how a box with a 4 pixel #4B085D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B085D; -webkit-box-shadow:4px 4px  
4px 4px #4B085D; box-shadow:4px 4px 4px  
4px #4B085D }
```

Background

The CSS property to change the background color of an element to Hex 4B085D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B085D }
```

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

```
.background{ background-color:#4B085D }
```

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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