

Converting Colors

Hex(4B1185)

Have a look what the booklet for
Hex(4B1185) contains.

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Color

Hex(4B1185)

Conversions

Conversions Part 1

Format	Color
Hex	4B1185
RGB	75, 17, 133
RGB Percent	29%, 7%, 52%
CMY	0.7059, 0.9333, 0.4784
CMYK	0.44, 0.87, 0.00, 0.48
HSL	270°, 77%, 29%
HSV	270°, 87%, 52%
XYZ	7.3357, 3.5902, 22.4966
YIQ	47.5660, -2.6680, 48.3720

Conversions

Conversions Part 2

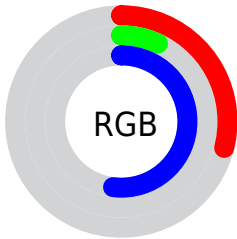
Format	Color
RYB	75, 17, 133
Decimal	4919685
CIELab	22.27, 47.94, -52.26
CIElCh	22, 70.913, 312.530
Yxy	3.5902, 0.2195, 0.1074
Android (android.graphics.Color)	4283109765 (0xFF4B1185)
YUV	47.5660, 42.1190, 24.0596
Hunter-Lab	18.9478, 35.9483, -57.1311

Details

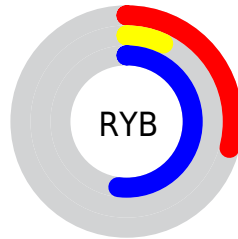
The Hex color **4B1185** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4B8511**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **8246BB**, and **130052** is the 20% darker color. If you saturate the color by 10%, you get **440485**, and if you desaturate by 10%, it is **521E85**.

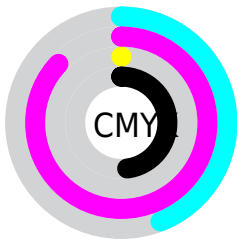
Distribution



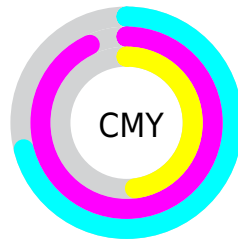
- Red (29%)
- Green (7%)
- Blue (52%)



- Red (29%)
- Yellow (7%)
- Blue (52%)



- Cyan (44%)
- Magenta (87%)
- Yellow (0%)
- Black (48%)



- Cyan (71%)
- Magenta (93%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B1185 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 4B1185 by changing the saturation by 10% instead.

■ 4B1185

■ 4B1185

FFFFFF

■ 2F006B

■ 8246BB

■ 130052

■ 9E5FD7

■ 00003A

■ BA79F4

■ 000223

■ D794FF

■ 00000B

■ F5AFFF

■ 000000

■ FFCBFF

■ FFE8FF

■ 4B1185

■ 4B1185

■ 440485

■ 521E85

■ 430085

■ 582C85

■ 5F3985

■ 664685

■ 6C5385

■ 736185

■ 7A6E85

■ 807B85

■ 878985

Harmonies

Analogous

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



0037A0



4B1185



7E0056

Triad

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



4B1185



5B2600



00484B

Complementary

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



4B1185



4B8511

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.



004612



4B1185



2E3A00

Square

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



4B1185



7B0000



004300



00487D

Rectangle

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



4B1185



890034



004300



004739

Sweetspot

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



4B1185



9780AD



114B85



493C57



D6D6D6



575757

Same Dimension

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



4B1185



5700AD



851185



3F3C42



410082



010003

Inverse Universe

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



85114B



AD0057



118511



423C3F



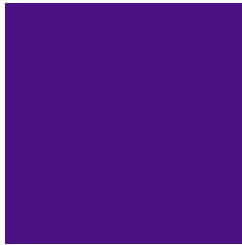
820041



030001

Previews

White Background



This preview shows how the Hex color 4B1185 looks on a white background.

Color Contrast Check

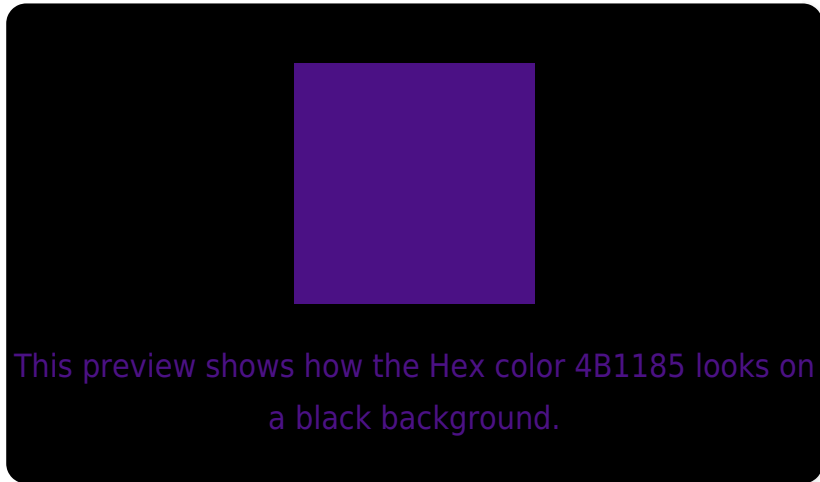
Large Text (above 18pt) WCAG AA ✓ Pass

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

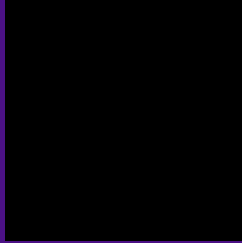
Any Text WCAG AA × Fail

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 4B1185 Background



This preview shows how black text looks on a background with the Hex color 4B1185.

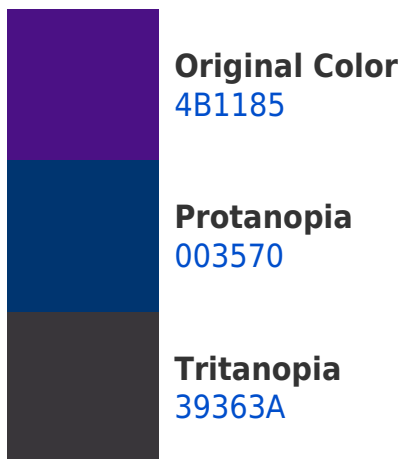


This preview shows how white text looks on a background with the Hex color 4B1185.

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

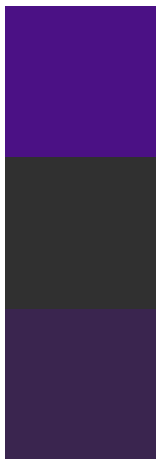


Original Color
4B1185

Protanomaly
1B2878

Tritanomaly
402955

Monochromacy



Original Color
4B1185

Achromatopsia
303030

Achromatomaly
3A254F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B1185 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 #4B1185 looks like.

```
.text, #text, p{  
    color:#4B1185  
}
```

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 #4B1185 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B1185
}
```

Border

The CSS property to change the border of an element to Hex 4B1185 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
#4B1185 }
```

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

```
.border{ border-color:#4B1185 }
```

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

Here you see how a box with a 4 pixel #4B1185 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B1185; -webkit-box-shadow:4px 4px  
4px 4px #4B1185; box-shadow:4px 4px 4px  
4px #4B1185 }
```

Background

The CSS property to change the background color of an element to Hex 4B1185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B1185 }
```

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

```
.background{ background-color:#4B1185 }
```

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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