

Converting Colors

Hex(4A187B)

Have a look what the booklet for
Hex(4A187B) contains.

Hex(4A187B)	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(4A187B)

Conversions

Conversions Part 1

Format	Color
Hex	4A187B
RGB	74, 24, 123
RGB Percent	29%, 9%, 48%
CMY	0.7098, 0.9059, 0.5176
CMYK	0.40, 0.80, 0.00, 0.52
HSL	270°, 67%, 29%
HSV	270°, 80%, 48%
XYZ	6.7258, 3.5392, 19.0675
YIQ	50.2360, -1.9790, 41.3890

Conversions

Conversions Part 2

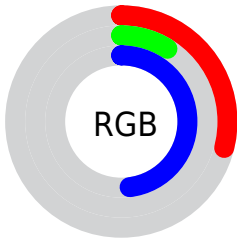
Format	Color
R_{YB}	74, 24, 123
Decimal	4855931
CIE _{Lab}	22.09, 42.65, -46.23
CIE _{LCh}	22, 62.898, 312.693
Yxy	3.5392, 0.2293, 0.1207
Android (android.graphics.Color)	4283046011 (0xFF4A187B)
YUV	50.2360, 35.8727, 20.8410
Hunter-Lab	18.8127, 30.8943, -46.9243

Details

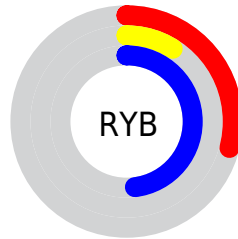
The Hex color **4A187B** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **497B18**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **804AB0**, and **160049** is the 20% darker color. If you saturate the color by 10%, you get **440C7B**, and if you desaturate by 10%, it is **50247B**.

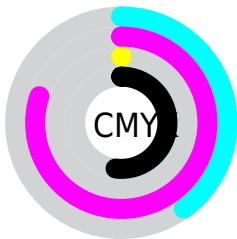
Distribution



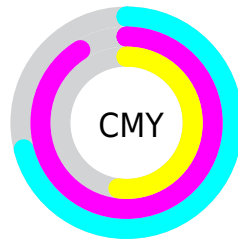
- Red (29%)
- Green (9%)
- Blue (48%)



- Red (29%)
- Yellow (9%)
- Blue (48%)



- Cyan (40%)
- Magenta (80%)
- Yellow (0%)
- Black (52%)



- Cyan (71%)
- Magenta (91%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A187B 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 4A187B by changing the saturation by 10% instead.

4A187B

4A187B

FFFFFF

2F0062

804AB0

160049

9B63CC

000032

B77DE9

00011C

D497FF

000000

F1B2FF

FFCEFF

FFEBFF

4A187B

4A187B

■ 440C7B

■ 50247B

■ 3E007B

■ 56317B

■ 5C3D7B

■ 62497B

■ 68567B

■ 6F627B

■ 756E7B

■ 7B7A7B

■ 81877B

Harmonies

Analogous

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



003693



4A187B



760052

Triad

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



4A187B



572800



004648

Complementary

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



4A187B



497B18

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.



004516



4A187B



303900

Square

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



4A187B



740000



004100



004675

Rectangle

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



4A187B



800033



004100



004638

Sweetspot

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



4A187B



8E7AA1



18497B



463A52



D1D1D1



525252

Same Dimension

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



4A187B



5405A1



7B187B



3A373D



3F007D



8000FC

Inverse Universe

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



7B1849



A10552



187B18



3D373A



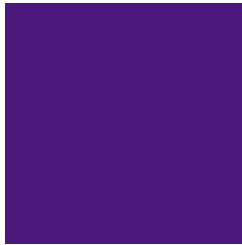
7D003E



FC007D

Previews

White Background



This preview shows how the Hex color 4A187B looks on a white background.

Color Contrast Check

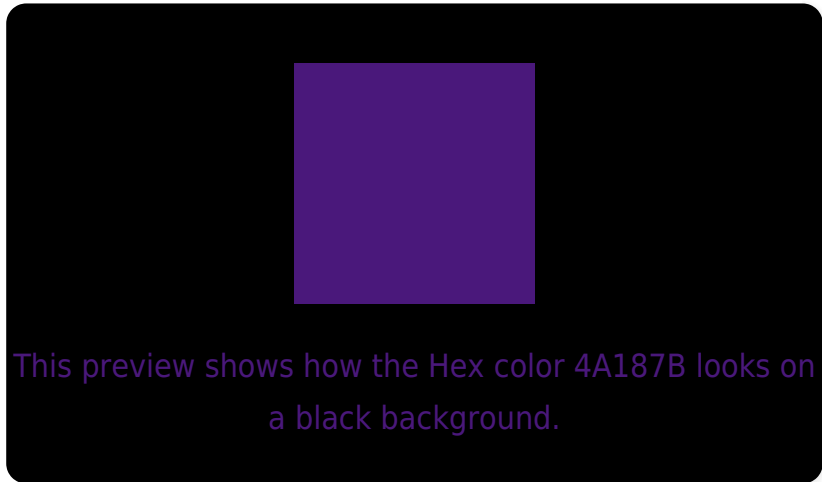
Large Text (above 18pt) WCAG AA ✓ Pass

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

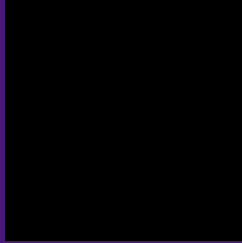
Any Text WCAG AA × Fail

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 4A187B Background



This preview shows how black text looks on a background with the Hex color 4A187B.

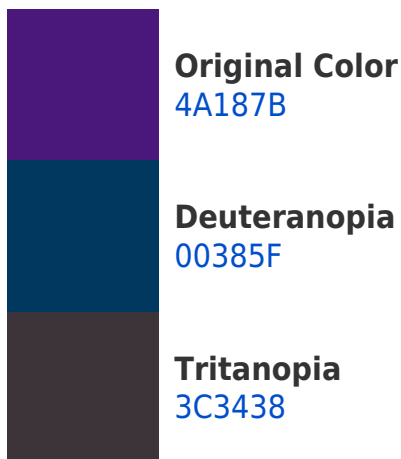


This preview shows how white text looks on a background with the Hex color 4A187B.

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

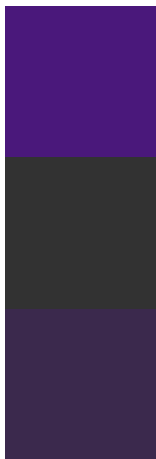


Original Color
4A187B

Deuteranomaly
1B2C69

Tritanomaly
412A50

Monochromacy



Original Color
4A187B

Achromatopsia
323232

Achromatomaly
3B294D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A187B 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 #4A187B looks like.

```
.text, #text, p{  
    color:#4A187B  
}
```

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 #4A187B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A187B  
}
```

Border

The CSS property to change the border of an element to Hex 4A187B is called "border". The border property can be set on classes, ids or directly on the HTML element.

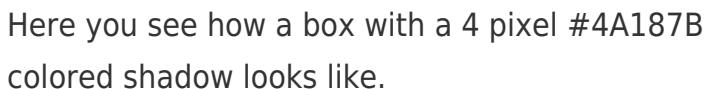
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4A187B }
```

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

```
.border{ border-color:#4A187B }
```

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



Here you see how a box with a 4 pixel #4A187B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A187B; -webkit-box-shadow:4px 4px  
4px 4px #4A187B; box-shadow:4px 4px 4px  
4px #4A187B }
```

Background

The CSS property to change the background color of an element to Hex 4A187B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A187B }
```

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

```
.background{ background-color:#4A187B }
```

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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