

Converting Colors

Hex(4C187A)

Have a look what the booklet for
Hex(4C187A) contains.

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Color

Hex(4C187A)

Conversions

Conversions Part 1

Format	Color
Hex	4C187A
RGB	76, 24, 122
RGB Percent	30%, 9%, 48%
CMY	0.7020, 0.9059, 0.5216
CMYK	0.38, 0.80, 0.00, 0.52
HSL	272°, 67%, 29%
HSV	272°, 80%, 48%
XYZ	6.8200, 3.5949, 18.7468
YIQ	50.7200, -0.4660, 41.5020

Conversions

Conversions Part 2

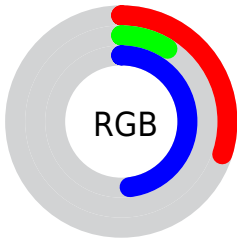
Format	Color
R_{YB}	76, 24, 122
Decimal	4987002
CIE _{Lab}	22.28, 42.75, -45.26
CIE _{LCh}	22, 62.257, 313.371
Yxy	3.5949, 0.2339, 0.1233
Android (android.graphics.Color)	4283177082 (0xFF4C187A)
YUV	50.7200, 35.1410, 22.1706
Hunter-Lab	18.9602, 31.0258, -45.3503

Details

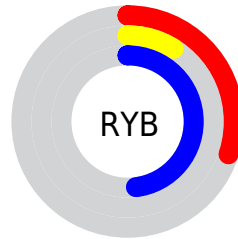
The Hex color **4C187A** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **467A18**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **814AAF**, and **190048** is the 20% darker color. If you saturate the color by 10%, you get **460C7A**, and if you desaturate by 10%, it is **52247A**.

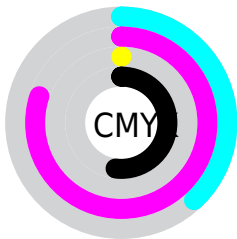
Distribution



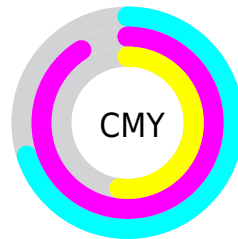
- Red (30%)
- Green (9%)
- Blue (48%)



- Red (30%)
- Yellow (9%)
- Blue (48%)



- Cyan (38%)
- Magenta (80%)
- Yellow (0%)
- Black (52%)



- Cyan (70%)
- Magenta (91%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C187A 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 4C187A by changing the saturation by 10% instead.

 4C187A

 4C187A

FFFFFF

 320061

 814AAF

 190048

 9D63CB

 000031

 B97DE7

 00011B

 D597FF

 000000

 F3B3FF

 FFCFFF

 FFE8FF

 4C187A

 4C187A

■ 460C7A

■ 52247A

■ 41007A

■ 57307A

■ 5D3D7A

■ 63497A

■ 69557A

■ 6E617A

■ 746D7A

■ 7A7A7A

■ 80867A

Harmonies

Analogous

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



003692



4C187A



770051

Triad

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



4C187A



572900



00464A

Complementary

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



4C187A



467A18

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.



004518



4C187A



2F3A00

Square

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



4C187A



740000



004200



004675

Rectangle

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



4C187A



800032



004200



00463A

Sweetspot

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



4C187A



8C789E



18477A



44384F



CFCFCF



4F4F4F

Same Dimension

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



4C187A



57069E



7A1878



3A373D



42007D



8600FC

Inverse Universe

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



7A1846



9E064E



187A1A



3D373A



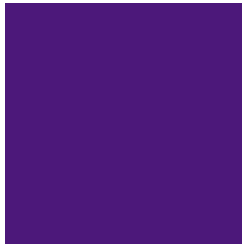
7D003B



FC0076

Previews

White Background



This preview shows how the Hex color 4C187A looks on a white background.

Color Contrast Check

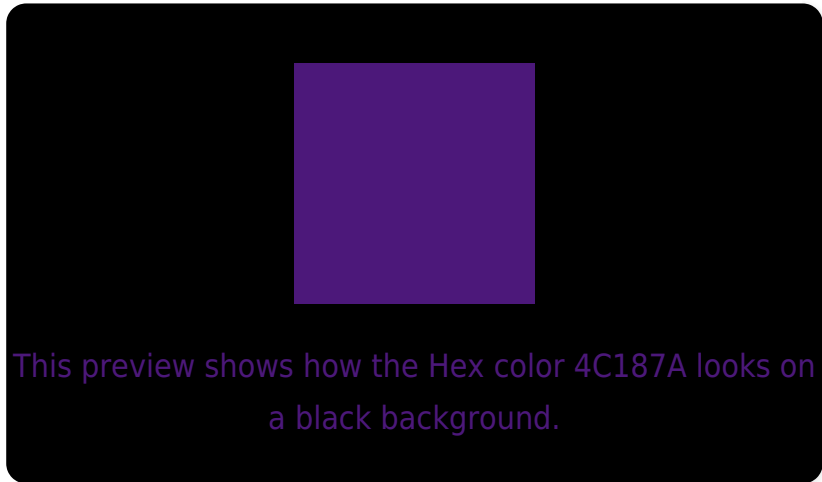
Large Text (above 18pt) WCAG AA ✓ Pass

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

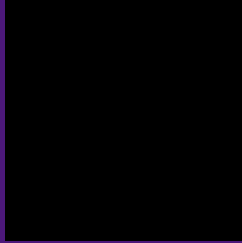
Any Text WCAG AA × Fail

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 4C187A Background



This preview shows how black text looks on a background with the Hex color 4C187A.



This preview shows how white text looks on a background with the Hex color 4C187A.

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
4C187A

Protanopia
00356F

Deuteranopia
003860



Tritanopia
3E3338

Trichromacy



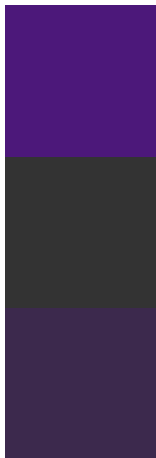
Original Color
4C187A

Protanomaly
1C2A73

Deuteranomaly
1C2C69

Tritanomaly
432950

Monochromacy



Original Color
4C187A

Achromatopsia
333333

Achromatomaly
3C294D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C187A 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 #4C187A looks like.

```
.text, #text, p{  
    color:#4C187A  
}
```

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 #4C187A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C187A
}
```

Border

The CSS property to change the border of an element to Hex 4C187A 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
#4C187A }
```

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

```
.border{ border-color:#4C187A }
```

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

Here you see how a box with a 4 pixel #4C187A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C187A; -webkit-box-shadow:4px 4px  
4px 4px #4C187A; box-shadow:4px 4px 4px  
4px #4C187A }
```

Background

The CSS property to change the background color of an element to Hex 4C187A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C187A }
```

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

```
.background{ background-color:#4C187A }
```

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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