

Converting Colors

Hex(4C307E)

Have a look what the booklet for
Hex(4C307E) contains.

Hex(4C307E)	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>	29

Color

Hex(4C307E)

Conversions

Conversions Part 1

Format	Color
Hex	4C307E
RGB	76, 48, 126
RGB Percent	30%, 19%, 49%
CMY	0.7020, 0.8118, 0.5059
CMYK	0.40, 0.62, 0.00, 0.51
HSL	262°, 45%, 34%
HSV	262°, 62%, 49%
XYZ	7.8033, 5.1568, 20.3227
YIQ	65.2640, -8.3500, 30.1940

Conversions

Conversions Part 2

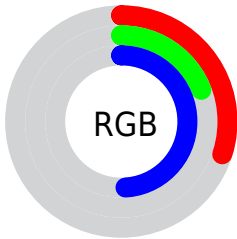
Format	Color
R_{YB}	76, 48, 126
Decimal	4993150
CIE Lab	27.18, 31.21, -39.85
CIE LCh	27, 50.618, 308.060
Yxy	5.1568, 0.2345, 0.1549
Android (android.graphics.Color)	4283183230 (0xFF4C307E)
YUV	65.2640, 29.9428, 9.4155
Hunter-Lab	22.7085, 21.5982, -37.1650

Details

The Hex color **4C307E** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **627E30**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **805FB3**, and **17044C** is the 20% darker color. If you saturate the color by 10%, you get **44237E**, and if you desaturate by 10%, it is **543D7E**.

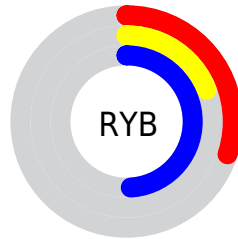
Distribution



Red (30%)

Green (19%)

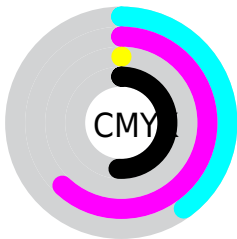
Blue (49%)



Red (30%)

Yellow (19%)

Blue (49%)

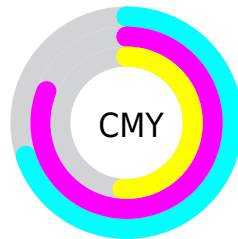


Cyan (40%)

Magenta (62%)

Yellow (0%)

Black (51%)



Cyan (70%)

Magenta (81%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C307E 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 4C307E by changing the saturation by 10% instead.

■ 4C307E

■ 4C307E

FFFFFF

■ 321A65

■ 805FB3

■ 17044C

■ 9B79CF

■ 000035

■ B793EC

■ 00021F

■ D3ADFF

■ 000001

■ F0C9FF

■ 000000

■ FFE5FF

■ 4C307E

■ 4C307E

■ 44237E

■ 543D7E

■ 3C177E

■ 5C497E

■ 340A7E

■ 64567E

■ 2D007E

■ 6C627E

■ 746F7E

■ 7C7C7E

■ 85887E

■ 8D957E

■ 95A17E

Harmonies

Analogous

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



00428E



4C307E



75165E

Triad

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



4C307E



663300



00514A

Complementary

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



4C307E



627E30

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.



004F21



4C307E



464200

Square

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



4C307E



7B1D12



194B00



00506F

Rectangle

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



4C307E



800544



194B00



00503C

Sweetspot

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



4C307E



8F84A3



30637E



463F52



D1D1D1



525252

Same Dimension

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



4C307E



562AA3



72307E



3C3940



2E0080



000000

Inverse Universe

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



7E3062



A32A78



3C7E30



40393D



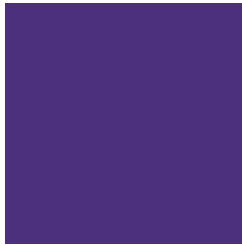
800052



000000

Previews

White Background



This preview shows how the Hex color 4C307E looks on a white background.

Color Contrast Check

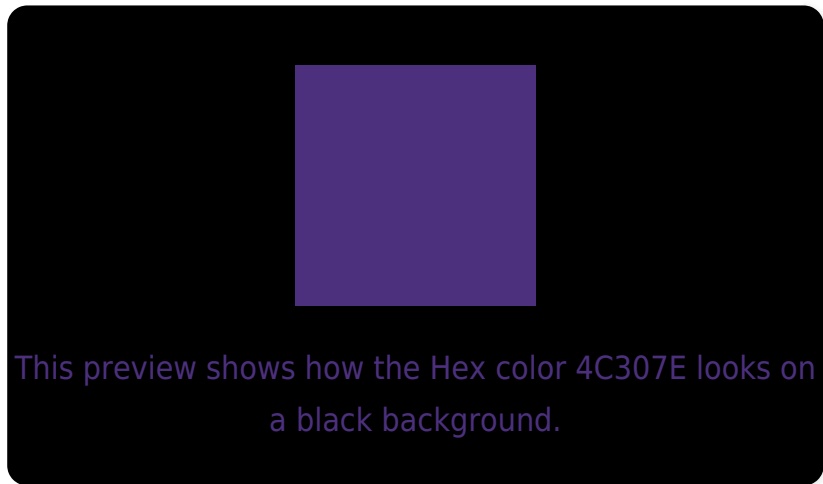
Large Text (above 18pt) WCAG AA ✓ Pass

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

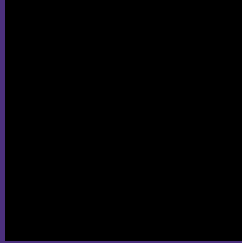
Any Text WCAG AA × Fail

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 4C307E Background



This preview shows how black text looks on a background with the Hex color 4C307E.



This preview shows how white text looks on a background with the Hex color 4C307E.

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](#).

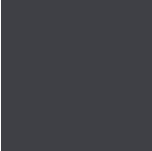
Dichromacy



Original Color
4C307E

Protanopia
003E84

Deuteranopia
004274



Tritanopia
3F4045

Trichromacy



Original Color
4C307E

Protanomaly
1C3982

Deuteranomaly
1C3B78

Tritanomaly
443A5A

Monochromacy



Original Color
4C307E

Achromatopsia
414141

Achromatomaly
453B57

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C307E 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 #4C307E looks like.

```
.text, #text, p{  
    color:#4C307E  
}
```

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 #4C307E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C307E
}
```

Border

The CSS property to change the border of an element to Hex 4C307E is called "border". The border property can be set on classes, ids or directly on the HTML element.

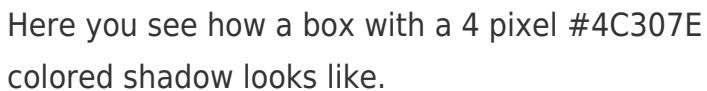
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C307E }
```

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

```
.border{ border-color:#4C307E }
```

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



Here you see how a box with a 4 pixel #4C307E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C307E; -webkit-box-shadow:4px 4px  
4px 4px #4C307E; box-shadow:4px 4px 4px  
4px #4C307E }
```

Background

The CSS property to change the background color of an element to Hex 4C307E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C307E }
```

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

```
.background{ background-color:#4C307E }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor