

Converting Colors

Hex(4C2C80)

Have a look what the booklet for
Hex(4C2C80) contains.

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Color

Hex(4C2C80)

Conversions

Conversions Part 1

Format	Color
Hex	4C2C80
RGB	76, 44, 128
RGB Percent	30%, 17%, 50%
CMY	0.7020, 0.8275, 0.4980
CMYK	0.41, 0.66, 0.00, 0.50
HSL	263°, 49%, 34%
HSV	263°, 66%, 50%
XYZ	7.7775, 4.8964, 20.9573
YIQ	63.1440, -7.8920, 32.9080

Conversions

Conversions Part 2

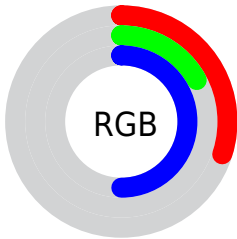
Format	Color
RYB	76, 44, 128
Decimal	4992128
CIELab	26.44, 34.15, -42.31
CIELCh	26, 54.371, 308.912
Yxy	4.8964, 0.2313, 0.1456
Android (android.graphics.Color)	4283182208 (0xFF4C2C80)
YUV	63.1440, 31.9740, 11.2747
Hunter-Lab	22.1278, 24.0155, -40.6643

Details

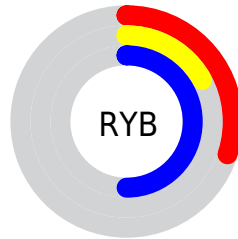
The Hex color **4C2C80** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **60802C**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **815CB6**, and **16004E** is the 20% darker color. If you saturate the color by 10%, you get **441F80**, and if you desaturate by 10%, it is **543980**.

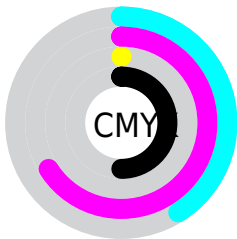
Distribution



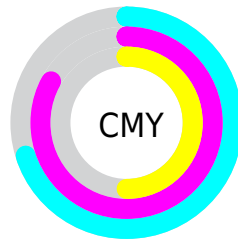
- Red (30%)
- Green (17%)
- Blue (50%)



- Red (30%)
- Yellow (17%)
- Blue (50%)



- Cyan (41%)
- Magenta (66%)
- Yellow (0%)
- Black (50%)



- Cyan (70%)
- Magenta (83%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C2C80 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 4C2C80 by changing the saturation by 10% instead.

 4C2C80

 4C2C80

FFFFFF

 321566

 815CB6

 16004E

 9C75D1

 000036

 B88FEE

 000220

 D4A9FF

 000004

 F1C5FF

 000000

 FFE1FF

 FFFEFF

 4C2C80

 4C2C80

■ 441F80

■ 543980

■ 3C1280

■ 5C4680

■ 340680

■ 645280

■ 310080

■ 6C5F80

■ 746C80

■ 7C7980

■ 838680

■ 8B9280

■ 939F80

Harmonies

Analogous

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



004092



4C2C80



77085D

Triad

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



4C2C80



653100



004F4A

Complementary

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



4C2C80



60802C

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.



004E1E



4C2C80



434100

Square

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



4C2C80



7C160B



0F4A00



004F72

Rectangle

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



4C2C80



830042



0F4A00



004F3C

Sweetspot

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



4C2C80



9185A6



2C6180



484054



D4D4D4



545454

Same Dimension

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



4C2C80



5523A6



752C80



3C3940



310080



000000

Inverse Universe

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



802C60



A62374



37802C



40393D



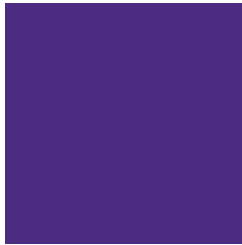
80004F



000000

Previews

White Background



This preview shows how the Hex color 4C2C80 looks on a white background.

Color Contrast Check

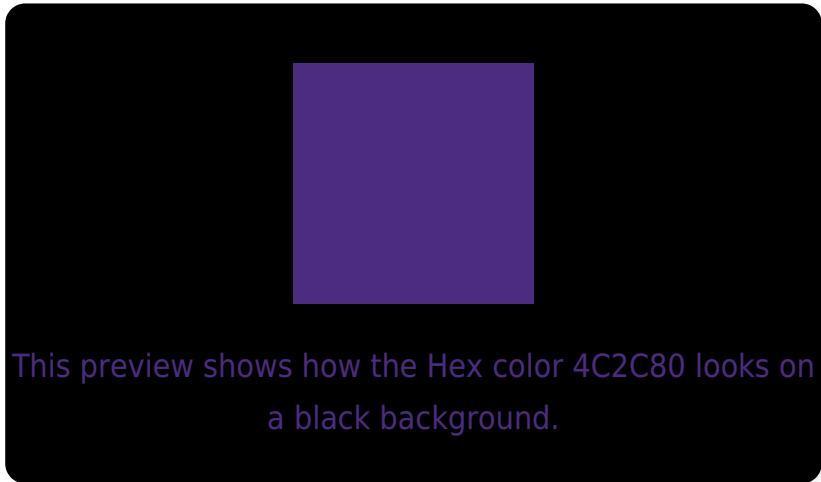
Large Text (above 18pt) WCAG AA ✓ Pass

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

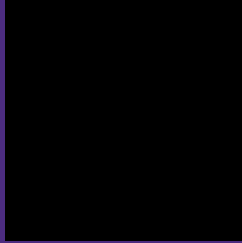
Any Text WCAG AA × Fail

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 4C2C80 Background



This preview shows how black text looks on a background with the Hex color 4C2C80.



This preview shows how white text looks on a background with the Hex color 4C2C80.

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](#).

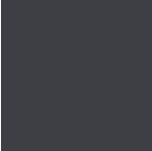
Dichromacy



Original Color
4C2C80

Protanopia
003D81

Deuteranopia
004070



Tritanopia
3E3F44

Trichromacy



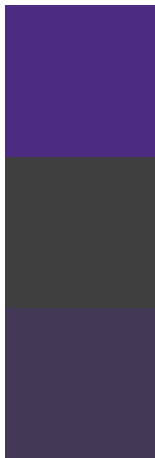
Original Color
4C2C80

Protanomaly
1C3781

Deuteranomaly
1C3976

Tritanomaly
43385A

Monochromacy



Original Color
4C2C80

Achromatopsia
3F3F3F

Achromatomaly
443857

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C2C80 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 #4C2C80 looks like.

```
.text, #text, p{  
    color:#4C2C80  
}
```

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 #4C2C80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C2C80
}
```

Border

The CSS property to change the border of an element to Hex 4C2C80 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
#4C2C80 }
```

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

```
.border{ border-color:#4C2C80 }
```

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

Here you see how a box with a 4 pixel #4C2C80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C2C80; -webkit-box-shadow:4px 4px  
4px 4px #4C2C80; box-shadow:4px 4px 4px  
4px #4C2C80 }
```

Background

The CSS property to change the background color of an element to Hex 4C2C80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C2C80 }
```

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

```
.background{ background-color:#4C2C80 }
```

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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