

Converting Colors

Hex(4C2E9E)

Have a look what the booklet for
Hex(4C2E9E) contains.

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Color

Hex(4C2E9E)

Conversions

Conversions Part 1

Format	Color
Hex	4C2E9E
RGB	76, 46, 158
RGB Percent	30%, 18%, 62%
CMY	0.7020, 0.8196, 0.3804
CMYK	0.52, 0.71, 0.00, 0.38
HSL	256°, 55%, 40%
HSV	256°, 71%, 62%
XYZ	10.1290, 5.9591, 32.9641
YIQ	67.7380, -18.0720, 41.1920

Conversions

Conversions Part 2

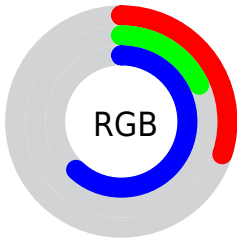
Format	Color
R_{YB}	76, 46, 158
Decimal	4992670
CIE _{Lab}	29.31, 41.76, -56.18
CIE _{LCh}	29, 69.994, 306.624
Yxy	5.9591, 0.2065, 0.1215
Android (android.graphics.Color)	4283182750 (0xFF4C2E9E)
YUV	67.7380, 44.4992, 7.2458
Hunter-Lab	24.4113, 31.3457, -62.9751

Details

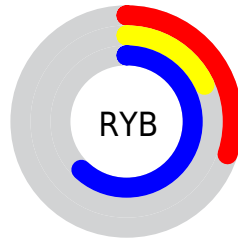
The Hex color **4C2E9E** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **809E2E**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **845ED6**, and **040069** is the 20% darker color. If you saturate the color by 10%, you get **401E9E**, and if you desaturate by 10%, it is **583E9E**.

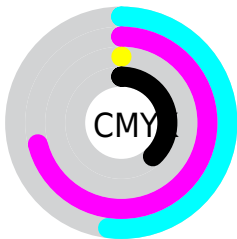
Distribution



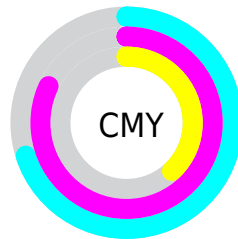
- Red (30%)
- Green (18%)
- Blue (62%)



- Red (30%)
- Yellow (18%)
- Blue (62%)



- Cyan (52%)
- Magenta (71%)
- Yellow (0%)
- Black (38%)



- Cyan (70%)
- Magenta (82%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C2E9E 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 4C2E9E by changing the saturation by 10% instead.

■ 4C2E9E

■ 4C2E9E

FFFFFF

■ 2E1683

■ 845ED6

■ 040069

■ A178F2

■ 000051

■ BD92FF

■ 000538

■ DAADFF

■ 000222

■ F8C9FF

■ 000008

■ FFE5FF

■ 000000

■ 4C2E9E

■ 4C2E9E

■ 401E9E

■ 583E9E

■ 350E9E

■ 634E9E

■ 2A009E

■ 6F5D9E

■ 7A6D9E

■ 867D9E

■ 918D9E

■ 9D9D9E

■ A9AC9E

■ B4BC9E

Harmonies

Analogous

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



004AB4



4C2E9E



8B0071

Triad

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



4C2E9E



763000



005950

Complementary

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



4C2E9E



809E2E

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.



005714



4C2E9E



4B4700

Square

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



4C2E9E



940004



005200



005A86

Rectangle

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



4C2E9E



9B004E



005200



00593D

Sweetspot

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



4C2E9E



AFA3CF



2E809E



554E69



E8E8E8



696969

Same Dimension

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



4C2E9E



4E1FCF



842E9E



49474F



26008F



04000F

Inverse Universe

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



9E2E80



CF1FA0



489E2E



4F474D



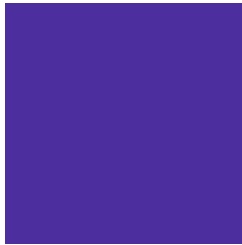
8F0069



0F000B

Previews

White Background



This preview shows how the Hex color 4C2E9E looks on a white background.

Color Contrast Check

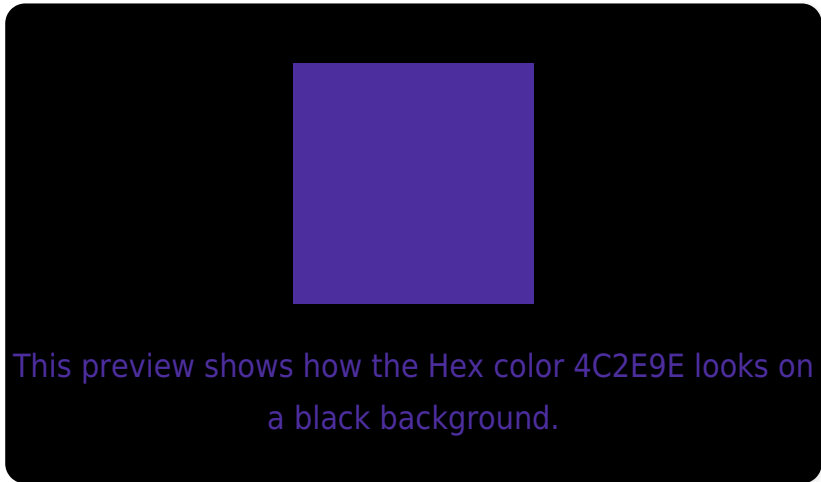
Large Text (above 18pt) WCAG AA ✓ Pass

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

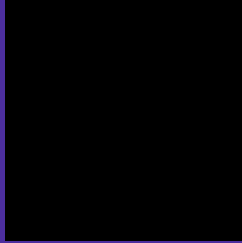
Any Text WCAG AA × Fail

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 4C2E9E Background



This preview shows how black text looks on a background with the Hex color 4C2E9E.



This preview shows how white text looks on a background with the Hex color 4C2E9E.

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](#).

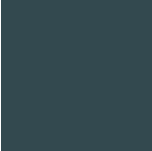
Dichromacy



Original Color
4C2E9E

Protanopia
00438D

Deuteranopia
00477A



Tritanopia
33494F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C2E9E 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 #4C2E9E looks like.

```
.text, #text, p{  
    color:#4C2E9E  
}
```

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 #4C2E9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C2E9E
}
```

Border

The CSS property to change the border of an element to Hex 4C2E9E 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
#4C2E9E }
```

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

```
.border{ border-color:#4C2E9E }
```

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

Here you see how a box with a 4 pixel #4C2E9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C2E9E; -webkit-box-shadow:4px 4px  
4px 4px #4C2E9E; box-shadow:4px 4px 4px  
4px #4C2E9E }
```

Background

The CSS property to change the background color of an element to Hex 4C2E9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C2E9E }
```

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

```
.background{ background-color:#4C2E9E }
```

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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