

Converting Colors

Hex(4C2B87)

Have a look what the booklet for
Hex(4C2B87) contains.

Hex(4C2B87)	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(4C2B87)

Conversions

Conversions Part 1

Format	Color
Hex	4C2B87
RGB	76, 43, 135
RGB Percent	30%, 17%, 53%
CMY	0.7020, 0.8314, 0.4706
CMYK	0.44, 0.68, 0.00, 0.47
HSL	262°, 52%, 35%
HSV	262°, 68%, 53%
XYZ	8.2175, 5.0135, 23.4563
YIQ	63.3550, -9.8640, 35.6080

Conversions

Conversions Part 2

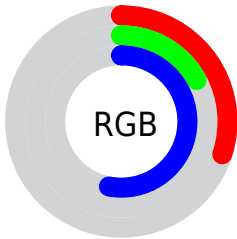
Format	Color
R_{YB}	76, 43, 135
Decimal	4991879
CIE _{Lab}	26.77, 36.72, -46.15
CIE _{LCh}	27, 58.976, 308.513
Yxy	5.0135, 0.2240, 0.1367
Android (android.graphics.Color)	4283181959 (0xFF4C2B87)
YUV	63.3550, 35.3210, 11.0897
Hunter-Lab	22.3909, 26.3261, -46.4374

Details

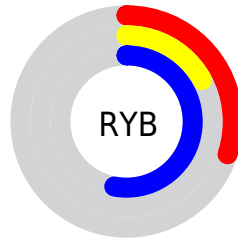
The Hex color **4C2B87** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **66872B**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **825BBD**, and **130054** is the 20% darker color. If you saturate the color by 10%, you get **431D87**, and if you desaturate by 10%, it is **553987**.

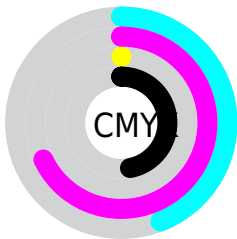
Distribution



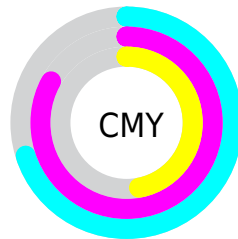
- Red (30%)
- Green (17%)
- Blue (53%)



- Red (30%)
- Yellow (17%)
- Blue (53%)



- Cyan (44%)
- Magenta (68%)
- Yellow (0%)
- Black (47%)



- Cyan (70%)
- Magenta (83%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C2B87 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 4C2B87 by changing the saturation by 10% instead.



4C2B87



4C2B87

FFFFFF



31146D



825BBD



130054



9D74D9



00003C



B98EF6



000226



D6A9FF



00010E



F3C4FF



000000



FFE1FF



FFFDFD



4C2B87



4C2B87

■ 431D87

■ 553987

■ 3B1087

■ 5D4687

■ 320287

■ 665487

■ 300087

■ 6F6187

■ 776E87

■ 807C87

■ 898A87

■ 919787

■ 9AA587

Harmonies

Analogous

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



00429A



4C2B87



7C0061

Triad

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



4C2B87



683000



00514C

Complementary

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



4C2B87



66872B

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.



004F1B



4C2B87



434200

Square

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



4C2B87



820D06



074B00



005177

Rectangle

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



4C2B87



890044



074B00



00513C

Sweetspot

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



4C2B87



998DB0



2B6787



4C4459



D9D9D9



595959

Same Dimension

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



4C2B87



5320B0



792B87



3E3C42



2F0082



010003

Inverse Universe

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



872B66



B0207C



39872B



423C40



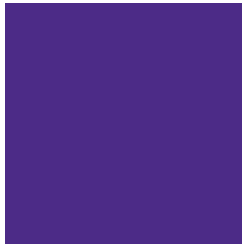
820053



030002

Previews

White Background



This preview shows how the Hex color 4C2B87 looks on a white background.

Color Contrast Check

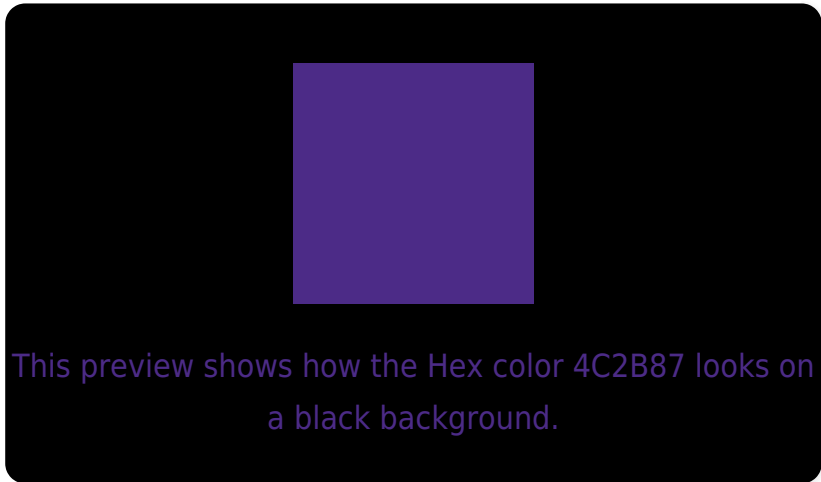
Large Text (above 18pt) WCAG AA ✓ Pass

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

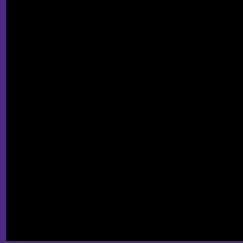
Any Text WCAG AA × Fail

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 4C2B87 Background



This preview shows how black text looks on a background with the Hex color 4C2B87.



This preview shows how white text looks on a background with the Hex color 4C2B87.

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
4C2B87

Protanopia
003E82

Deuteranopia
004171



Tritanopia
3C4045

Trichromacy



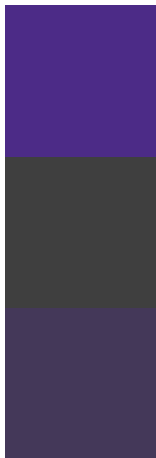
Original Color
4C2B87

Protanomaly
1C3784

Deuteranomaly
1C3979

Tritanomaly
42385D

Monochromacy



Original Color
4C2B87

Achromatopsia
3F3F3F

Achromatomaly
443859

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C2B87 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 #4C2B87 looks like.

```
.text, #text, p{  
    color:#4C2B87  
}
```

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 #4C2B87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C2B87
}
```

Border

The CSS property to change the border of an element to Hex 4C2B87 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
#4C2B87 }
```

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

```
.border{ border-color:#4C2B87 }
```

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

Here you see how a box with a 4 pixel #4C2B87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C2B87; -webkit-box-shadow:4px 4px  
4px 4px #4C2B87; box-shadow:4px 4px 4px  
4px #4C2B87 }
```

Background

The CSS property to change the background color of an element to Hex 4C2B87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C2B87 }
```

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

```
.background{ background-color:#4C2B87 }
```

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