

Converting Colors

Hex(4C217D)

Have a look what the booklet for
Hex(4C217D) contains.

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Color

Hex(4C217D)

Conversions

Conversions Part 1

Format	Color
Hex	4C217D
RGB	76, 33, 125
RGB Percent	30%, 13%, 49%
CMY	0.7020, 0.8706, 0.5098
CMYK	0.39, 0.74, 0.00, 0.51
HSL	268°, 58%, 31%
HSV	268°, 74%, 49%
XYZ	7.2260, 4.1049, 19.8135
YIQ	56.3450, -3.9040, 37.7280

Conversions

Conversions Part 2

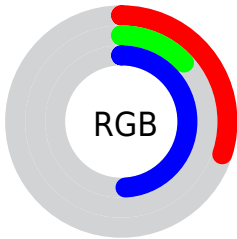
Format	Color
RYB	76, 33, 125
Decimal	4989309
CIELab	24.02, 39.34, -44.34
CIElCh	24, 59.276, 311.575
Yxy	4.1049, 0.2320, 0.1318
Android (android.graphics.Color)	4283179389 (0xFF4C217D)
YUV	56.3450, 33.8469, 17.2374
Hunter-Lab	20.2605, 28.2071, -43.7995

Details

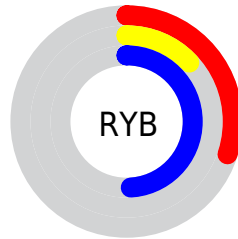
The Hex color **4C217D** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **527D21**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **8151B2**, and **17004B** is the 20% darker color. If you saturate the color by 10%, you get **45157D**, and if you desaturate by 10%, it is **532E7D**.

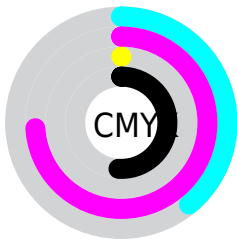
Distribution



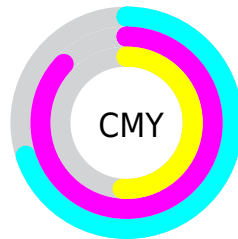
- Red (30%)
- Green (13%)
- Blue (49%)



- Red (30%)
- Yellow (13%)
- Blue (49%)



- Cyan (39%)
- Magenta (74%)
- Yellow (0%)
- Black (51%)



- Cyan (70%)
- Magenta (87%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C217D 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 4C217D by changing the saturation by 10% instead.

4C217D

4C217D

FFFFFF

320764

8151B2

17004B

9D6ACE

000034

B884EB

00021D

D59FFF

000000

F2BAFF

FFD6FF

FFF3FF

4C217D

4C217D

■ 45157D

■ 532E7D

■ 3F087D

■ 593A7D

■ 3A007D

■ 60477D

■ 67537D

■ 6D607D

■ 746C7D

■ 7B797D

■ 81857D

■ 88927D

Harmonies

Analogous

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



003A92



4C217D



770056

Triad

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



4C217D



5D2C00



004A4A

Complementary

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



4C217D



527D21

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.



00491A



4C217D



383D00

Square

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



4C217D



780600



004500



004A74

Rectangle

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



4C217D



820039



004500



004A3A

Sweetspot

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



4C217D



907FA3



21527D



463C52



D1D1D1



525252

Same Dimension

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



4C217D



5714A3



7A217D



3C3940



3C0080



000000

Inverse Universe

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



7D2152



A31460



247D21



40393D



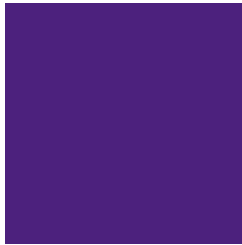
800044



000000

Previews

White Background



This preview shows how the Hex color 4C217D 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

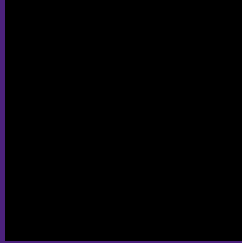
Any Text WCAG AA × Fail

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 4C217D Background



This preview shows how black text looks on a background with the Hex color 4C217D.



This preview shows how white text looks on a background with the Hex color 4C217D.

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
4C217D

Protanopia
003876

Deuteranopia
003B66



Tritanopia
3E383C

Trichromacy



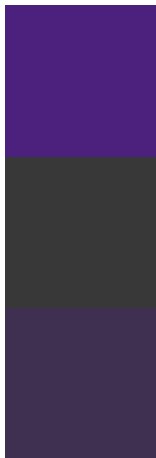
Original Color
4C217D

Protanomaly
1C3079

Deuteranomaly
1C326E

Tritanomaly
433054

Monochromacy



Original Color
4C217D

Achromatopsia
383838

Achromatomaly
3F3051

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C217D 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 #4C217D looks like.

```
.text, #text, p{  
    color:#4C217D  
}
```

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 #4C217D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C217D
}
```

Border

The CSS property to change the border of an element to Hex 4C217D 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
#4C217D }
```

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

```
.border{ border-color:#4C217D }
```

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

Here you see how a box with a 4 pixel #4C217D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C217D; -webkit-box-shadow:4px 4px  
4px 4px #4C217D; box-shadow:4px 4px 4px  
4px #4C217D }
```

Background

The CSS property to change the background color of an element to Hex 4C217D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C217D }
```

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

```
.background{ background-color:#4C217D }
```

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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