

Converting Colors

Hex(4D217A)

Have a look what the booklet for
Hex(4D217A) contains.

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Color

Hex(4D217A)

Conversions

Conversions Part 1

Format	Color
Hex	4D217A
RGB	77, 33, 122
RGB Percent	30%, 13%, 48%
CMY	0.6980, 0.8706, 0.5216
CMYK	0.37, 0.73, 0.00, 0.52
HSL	270°, 57%, 30%
HSV	270°, 73%, 48%
XYZ	7.1173, 4.0706, 18.8229
YIQ	56.3020, -2.3450, 37.0070

Conversions

Conversions Part 2

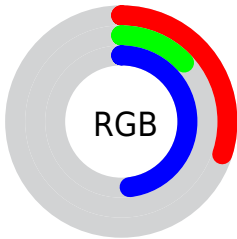
Format	Color
R _Y B	77, 33, 122
Decimal	5054842
CIE Lab	23.90, 38.75, -42.61
CIE LCh	24, 57.598, 312.280
Yxy	4.0706, 0.2372, 0.1356
Android (android.graphics.Color)	4283244922 (0xFF4D217A)
YUV	56.3020, 32.3891, 18.1521
Hunter-Lab	20.1758, 27.6605, -41.1913

Details

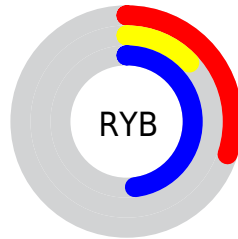
The Hex color **4D217A** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4E7A21**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **8251AF**, and **1A0048** is the 20% darker color. If you saturate the color by 10%, you get **47157A**, and if you desaturate by 10%, it is **532D7A**.

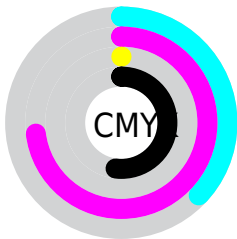
Distribution



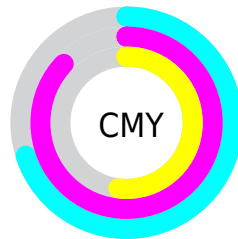
- Red (30%)
- Green (13%)
- Blue (48%)



- Red (30%)
- Yellow (13%)
- Blue (48%)



- Cyan (37%)
- Magenta (73%)
- Yellow (0%)
- Black (52%)



- Cyan (70%)
- Magenta (87%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D217A 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 4D217A by changing the saturation by 10% instead.

■ 4D217A

■ 4D217A

FFFFFF

■ 330761

■ 8251AF

■ 1A0048

■ 9D6ACB

■ 000031

■ B984E7

■ 00011B

■ D69FFF

■ 000000

■ F3BAFF

■ FFD6FF

■ FFF3FF

■ 4D217A

■ 4D217A

■ 47157A

■ 532D7A

■ 41097A

■ 59397A

■ 3C007A

■ 60467A

■ 66527A

■ 6C5E7A

■ 726A7A

■ 78767A

■ 7E837A

■ 858F7A

Harmonies

Analogous

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



00398F



4D217A



760054

Triad

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



4D217A



5B2D00



004A4A

Complementary

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



4D217A



4E7A21

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.



00481C



4D217A



373D00

Square

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



4D217A



760C00



004500



004973

Rectangle

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



4D217A



800038



004500



00493B

Sweetspot

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



4D217A



8D7B9E



214F7A



453A4F



CFCFCF



4F4F4F

Same Dimension

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



4D217A



58139E



79217A



3A373D



3E007D



7D00FC

Inverse Universe

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



7A214E



9E1359



227A21



3D373A



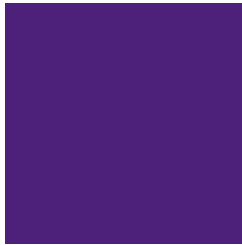
7D003F



FC0080

Previews

White Background



This preview shows how the Hex color 4D217A 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

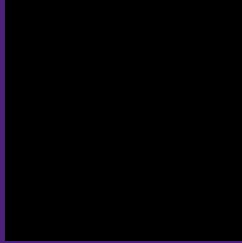
Any Text WCAG AA × Fail

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 4D217A Background



This preview shows how black text looks on a background with the Hex color 4D217A.



This preview shows how white text looks on a background with the Hex color 4D217A.

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
4D217A

Protanopia
003876

Deuteranopia
003B66



Tritanopia
40373B

Trichromacy



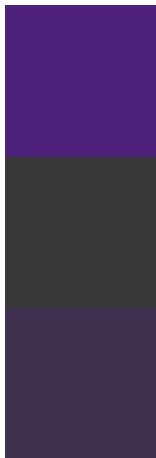
Original Color
4D217A

Protanomaly
1C3077

Deuteranomaly
1C326D

Tritanomaly
452F52

Monochromacy



Original Color
4D217A

Achromatopsia
383838

Achromatomaly
403050

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D217A 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 #4D217A looks like.

```
.text, #text, p{  
    color:#4D217A  
}
```

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 #4D217A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D217A
}
```

Border

The CSS property to change the border of an element to Hex 4D217A 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
#4D217A }
```

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

```
.border{ border-color:#4D217A }
```

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

Here you see how a box with a 4 pixel #4D217A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D217A; -webkit-box-shadow:4px 4px  
4px 4px #4D217A; box-shadow:4px 4px 4px  
4px #4D217A }
```

Background

The CSS property to change the background color of an element to Hex 4D217A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D217A }
```

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

```
.background{ background-color:#4D217A }
```

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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