

Converting Colors

Hex(4D217E)

Have a look what the booklet for
Hex(4D217E) contains.

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Color

Hex(4D217E)

Conversions

Conversions Part 1

Format	Color
Hex	4D217E
RGB	77, 33, 126
RGB Percent	30%, 13%, 49%
CMY	0.6980, 0.8706, 0.5059
CMYK	0.39, 0.74, 0.00, 0.51
HSL	268°, 58%, 31%
HSV	268°, 74%, 49%
XYZ	7.3703, 4.1719, 20.1555
YIQ	56.7580, -3.6290, 38.2510

Conversions

Conversions Part 2

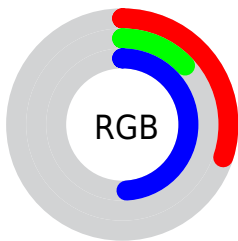
Format	Color
R_{YB}	77, 33, 126
Decimal	5054846
CIE _{Lab}	24.23, 39.80, -44.62
CIE _{LCh}	24, 59.792, 311.736
Yxy	4.1719, 0.2325, 0.1316
Android (android.graphics.Color)	4283244926 (0xFF4D217E)
YUV	56.7580, 34.1363, 17.7522
Hunter-Lab	20.4251, 28.6671, -44.2097

Details

The Hex color **4D217E** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **527E21**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **8251B4**, and **18004C** is the 20% darker color. If you saturate the color by 10%, you get **46147E**, and if you desaturate by 10%, it is **542E7E**.

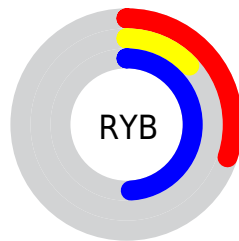
Distribution



Red (30%)

Green (13%)

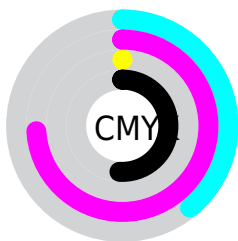
Blue (49%)



Red (30%)

Yellow (13%)

Blue (49%)

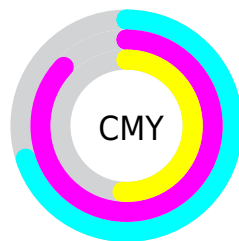


Cyan (39%)

Magenta (74%)

Yellow (0%)

Black (51%)



Cyan (70%)

Magenta (87%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D217E 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 4D217E by changing the saturation by 10% instead.

 4D217E

 4D217E

FFFFFF

 330764

 8251B4

 18004C

 9E6BCF

 000034

 BA85EC

 00021E

 D69FFF

 000000

 F3BBFF

 FFD7FF

 FFF3FF

 4D217E

 4D217E

■ 46147E

■ 542E7E

■ 40087E

■ 5A3A7E

■ 3C007E

■ 61477E

■ 68537E

■ 6E607E

■ 756D7E

■ 7B797E

■ 82867E

■ 89927E

Harmonies

Analogous

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



003A94



4D217E



790057

Triad

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



4D217E



5D2D00



004B4B

Complementary

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



4D217E



527E21

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.



00491B



4D217E



383D00

Square

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



4D217E



790600



004600



004B76

Rectangle

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



4D217E



830039



004600



004B3B

Sweetspot

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



4D217E



907FA3



21537E



463C52



D1D1D1



525252

Same Dimension

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



4D217E



5712A3



7B217E



3C3940



3C0080



000000

Inverse Universe

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



7E2152



A3125E



247E21



40393D



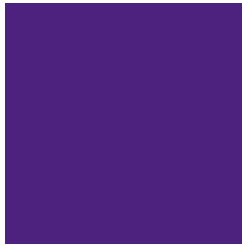
800043



000000

Previews

White Background



This preview shows how the Hex color 4D217E 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

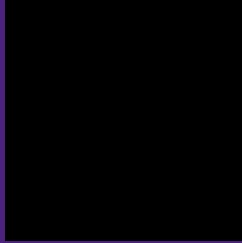
Any Text WCAG AA × Fail

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 4D217E Background



This preview shows how black text looks on a background with the Hex color 4D217E.



This preview shows how white text looks on a background with the Hex color 4D217E.

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
4D217E

Protanopia
003877

Deuteranopia
003C67



Tritanopia
3F383D

Trichromacy



Original Color
4D217E

Protanomaly
1C307A

Deuteranomaly
1C326F

Tritanomaly
443055

Monochromacy



Original Color
4D217E

Achromatopsia
393939

Achromatomaly
403052

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D217E 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 #4D217E looks like.

```
.text, #text, p{  
    color:#4D217E  
}
```

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 #4D217E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D217E
}
```

Border

The CSS property to change the border of an element to Hex 4D217E is called "border". The border property can be set on classes, ids or directly on the HTML element.

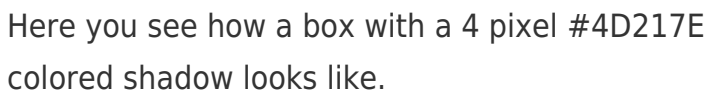
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D217E }
```

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

```
.border{ border-color:#4D217E }
```

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



Here you see how a box with a 4 pixel #4D217E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D217E; -webkit-box-shadow:4px 4px  
4px 4px #4D217E; box-shadow:4px 4px 4px  
4px #4D217E }
```

Background

The CSS property to change the background color of an element to Hex 4D217E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D217E }
```

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

```
.background{ background-color:#4D217E }
```

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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