

Converting Colors

Hex(47287C)

Have a look what the booklet for
Hex(47287C) contains.

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Color

Hex(47287C)

Conversions

Conversions Part 1

Format	Color
Hex	47287C
RGB	71, 40, 124
RGB Percent	28%, 16%, 49%
CMY	0.7216, 0.8431, 0.5137
CMYK	0.43, 0.68, 0.00, 0.51
HSL	262°, 51%, 32%
HSV	262°, 68%, 49%
XYZ	6.9954, 4.3124, 19.5325
YIQ	58.8450, -8.4880, 32.6960

Conversions

Conversions Part 2

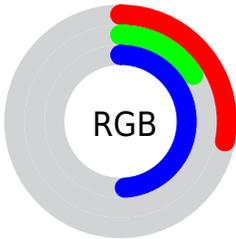
Format	Color
R_{YB}	71, 40, 124
Decimal	4663420
CIE _{Lab}	24.68, 34.20, -42.66
CIE _{LCh}	25, 54.677, 308.717
Yxy	4.3124, 0.2268, 0.1398
Android (android.graphics.Color)	4282853500 (0xFF47287C)
YUV	58.8450, 32.1214, 10.6599
Hunter-Lab	20.7663, 23.7889, -41.2307

Details

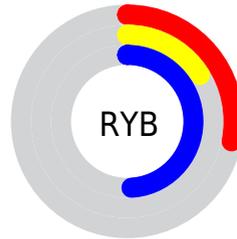
The Hex color **47287C** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5D7C28**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **7C57B1**, and **11004A** is the 20% darker color. If you saturate the color by 10%, you get **3F1C7C**, and if you desaturate by 10%, it is **4F347C**.

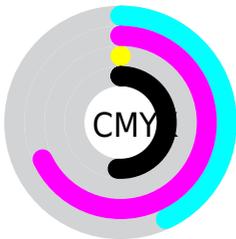
Distribution



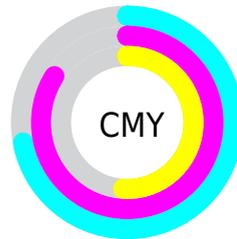
- Red (28%)
- Green (16%)
- Blue (49%)



- Red (28%)
- Yellow (16%)
- Blue (49%)



- Cyan (43%)
- Magenta (68%)
- Yellow (0%)
- Black (51%)



- Cyan (72%)
- Magenta (84%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47287C 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 47287C by changing the saturation by 10% instead.

■ 47287C

■ 47287C

FFFFFF

■ 2D1163

■ 7C57B1

■ 11004A

■ 9770CD

■ 000033

■ B38AEA

■ 00021D

■ CFA5FF

■ 000000

■ ECC0FF

■ FFDCFF

■ FFF9FF

■ 47287C

■ 47287C

■ 3F1C7C

■ 4F347C

■ 370F7C

■ 57417C

■ 30037C

■ 5E4D7C

■ 2E007C

■ 665A7C

■ 6E667C

■ 76727C

■ 7E7F7C

■ 868B7C

■ 8D987C

Harmonies

Analogous

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



003D8E



47287C



720059

Triad

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



47287C



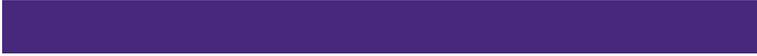
602D00



004B46

Complementary

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



47287C



5D7C28

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



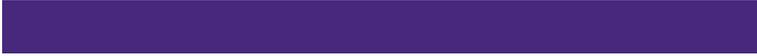
47287C



3E3D00

Square

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



47287C



770F06



0A4500



004B6E

Rectangle

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



47287C



7E003E



0A4500



004B38

Sweetspot

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



47287C



8C81A1



285D7C



453E52



D1D1D1



525252

Same Dimension

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



47287C



4F1FA1



71287C



39373D



2E007D



5D00FC

Inverse Universe

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



7C285D



A11F71



337C28



3D373B



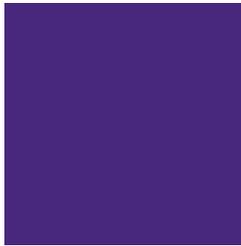
7D004F



FC009F

Previews

White Background



This preview shows how the Hex color 47287C 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

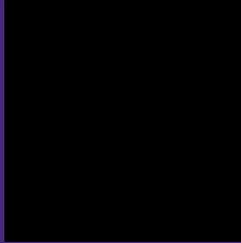
Any Text WCAG AA × Fail

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 47287C Background



This preview shows how black text looks on a background with the Hex color 47287C.



This preview shows how white text looks on a background with the Hex color 47287C.

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](#).

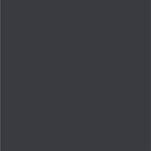
Dichromacy



Original Color
47287C

Protanopia
003979

Deuteranopia
003D69



Tritanopia
393B40

Trichromacy



Original Color
47287C

Protanomaly
1A337A

Deuteranomaly
1A3570

Tritanomaly
3E3456

Monochromacy



Original Color
47287C

Achromatopsia
3B3B3B

Achromatomaly
3F3453

CSS Examples

Text

The CSS property to change the color of the text to Hex 47287C 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 #47287C looks like.

```
.text, #text, p{  
    color:#47287C  
}
```

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 #47287C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47287C
}
```

Border

The CSS property to change the border of an element to Hex 47287C is called "border". The border property can be set on classes, ids or directly on the HTML element.

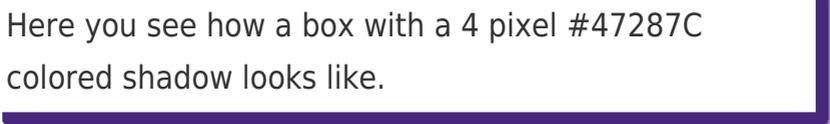
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#47287C }
```

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

```
.border{ border-color:#47287C }
```

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



Here you see how a box with a 4 pixel #47287C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47287C; -webkit-box-shadow:4px 4px  
4px 4px #47287C; box-shadow:4px 4px 4px  
4px #47287C }
```

Background

The CSS property to change the background color of an element to Hex 47287C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47287C }
```

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

```
.background{ background-color:#47287C }
```

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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