

Converting Colors

Hex(47428F)

Have a look what the booklet for
Hex(47428F) contains.

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Color

Hex(47428F)

Conversions

Conversions Part 1

Format	Color
Hex	47428F
RGB	71, 66, 143
RGB Percent	28%, 26%, 56%
CMY	0.7216, 0.7412, 0.4392
CMYK	0.50, 0.54, 0.00, 0.44
HSL	244°, 37%, 41%
HSV	244°, 54%, 56%
XYZ	9.5047, 7.2192, 26.8791
YIQ	76.2730, -21.7370, 25.0070

Conversions

Conversions Part 2

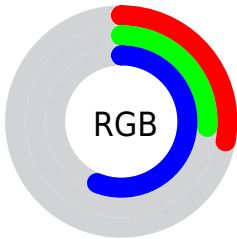
Format	Color
R_{YB}	71, 66, 143
Decimal	4670095
CIE _{Lab}	32.30, 23.89, -42.19
CIE _{LCh}	32, 48.479, 299.519
Yxy	7.2192, 0.2180, 0.1656
Android (android.graphics.Color)	4282860175 (0xFF47428F)
YUV	76.2730, 32.8964, -4.6244
Hunter-Lab	26.8686, 16.1239, -40.5053

Details

The Hex color **47428F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8A8F42**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7C72C5**, and **0A175C** is the 20% darker color. If you saturate the color by 10%, you get **3A348F**, and if you desaturate by 10%, it is **54508F**.

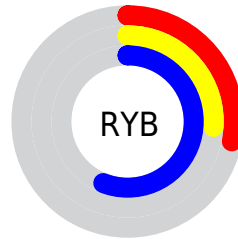
Distribution



Red (28%)

Green (26%)

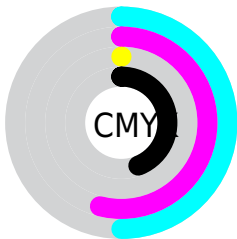
Blue (56%)



Red (28%)

Yellow (26%)

Blue (56%)

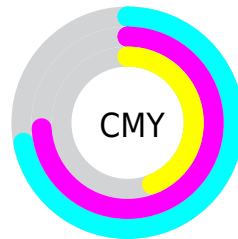


Cyan (50%)

Magenta (54%)

Yellow (0%)

Black (44%)



Cyan (72%)

Magenta (74%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47428F 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 47428F by changing the saturation by 10% instead.

■ 47428F

■ 47428F

FFFFFF

■ 2C2C75

■ 7C72C5

■ 0A175C

■ 988CE2

■ 000044

■ B4A6FE

■ 00032D

■ D0C1FF

■ 000117

■ EDDDF

■ 000000

■ FFFAFF

■ 47428F

■ 47428F

■ 3A348F

■ 54508F

■ 2C258F

■ 625F8F

■ 1F178F

■ 6F6D8F

■ 12098F

■ 7C7B8F

■ 09008F

■ 8A8A8F

■ 97988F

■ A5A68F

■ B2B48F

■ BFC38F

Harmonies

Analogous

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



005199



47428F



782E73

Triad

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



47428F



7A3A03



005D4A

Complementary

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



47428F



8A8F42

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.



005A22



47428F



5D4A00

Square

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



47428F



8C2829



375400



005D71

Rectangle

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



47428F



89235B



375400



005C3D

Sweetspot

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



47428F



9E9CBA



428B8F



4E4C5E



DEDEDE



5E5E5E

Same Dimension

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



47428F



4941BA



6C428F



414047



090087



000008

Inverse Universe

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



8F428A



BA41B2



658F42



474047



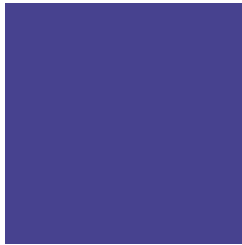
87007E



080007

Previews

White Background



This preview shows how the Hex color 47428F looks on a white background.

Color Contrast Check

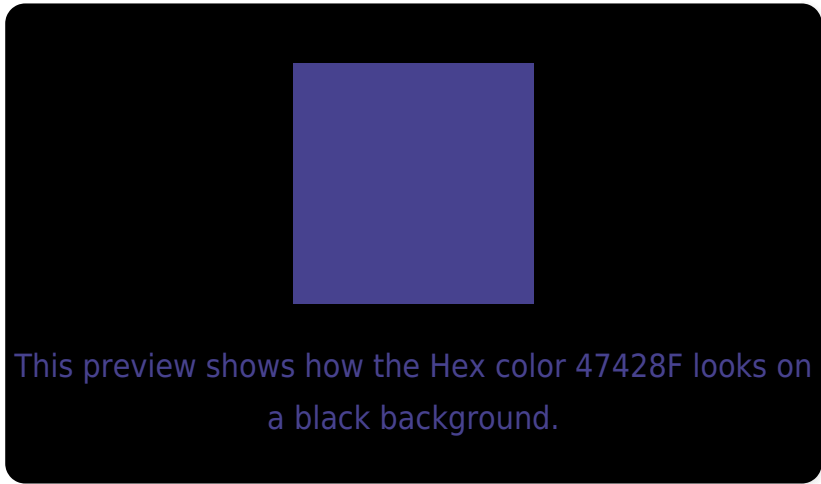
Large Text (above 18pt) WCAG AA ✓ Pass

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

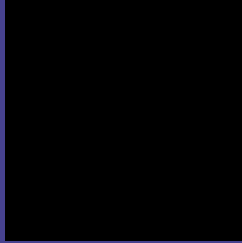
Any Text WCAG AA × Fail

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 47428F Background



This preview shows how black text looks on a background with the Hex color 47428F.

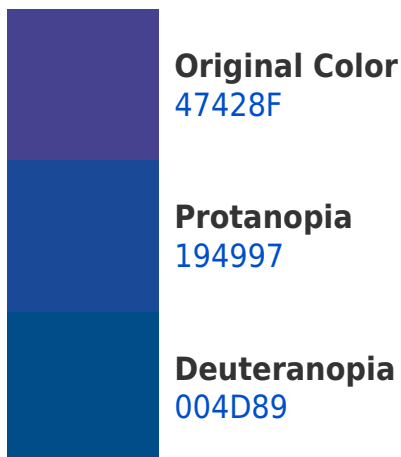


This preview shows how white text looks on a background with the Hex color 47428F.

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





Tritanopia
365057

Trichromacy



Original Color
47428F

Protanomaly
2A4694

Deuteranomaly
1A498B

Tritanomaly
3C4B6B

Monochromacy



Original Color
47428F

Achromatopsia
4C4C4C

Achromatomaly
4A4864

CSS Examples

Text

The CSS property to change the color of the text to Hex 47428F 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 #47428F looks like.

```
.text, #text, p{  
    color:#47428F  
}
```

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 #47428F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47428F
}
```

Border

The CSS property to change the border of an element to Hex 47428F is called "border". The border property can be set on classes, ids or directly on the HTML element.

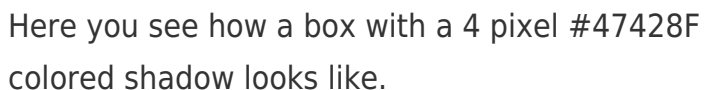
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#47428F }
```

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

```
.border{ border-color:#47428F }
```

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



Here you see how a box with a 4 pixel #47428F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47428F; -webkit-box-shadow:4px 4px  
4px 4px #47428F; box-shadow:4px 4px 4px  
4px #47428F }
```

Background

The CSS property to change the background color of an element to Hex 47428F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47428F }
```

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

```
.background{ background-color:#47428F }
```

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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