

Converting Colors

Hex(4F4F87)

Have a look what the booklet for
Hex(4F4F87) contains.

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Color

Hex(4F4F87)

Conversions

Conversions Part 1

Format	Color
Hex	4F4F87
RGB	79, 79, 135
RGB Percent	31%, 31%, 53%
CMY	0.6902, 0.6902, 0.4706
CMYK	0.41, 0.41, 0.00, 0.47
HSL	240°, 26%, 42%
HSV	240°, 41%, 53%
XYZ	10.3936, 9.0035, 24.1117
YIQ	85.3840, -17.9760, 17.4160

Conversions

Conversions Part 2

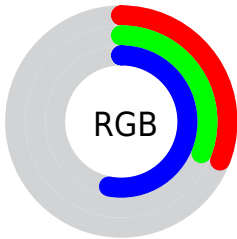
Format	Color
R_{YB}	79, 79, 135
Decimal	5197703
CIE _{Lab}	35.99, 15.00, -31.36
CIE _{LCh}	36, 34.763, 295.563
Yxy	9.0035, 0.2389, 0.2069
Android (android.graphics.Color)	4283387783 (0xFF4F4F87)
YUV	85.3840, 24.4607, -5.5988
Hunter-Lab	30.0058, 9.3197, -26.6394

Details

The Hex color **4F4F87** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **87874F**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **8380BD**, and **1C2355** is the 20% darker color. If you saturate the color by 10%, you get **424287**, and if you desaturate by 10%, it is **5D5D87**.

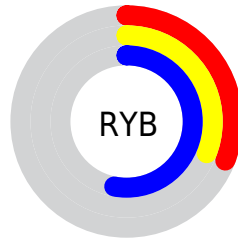
Distribution



Red (31%)

Green (31%)

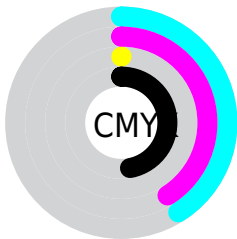
Blue (53%)



Red (31%)

Yellow (31%)

Blue (53%)

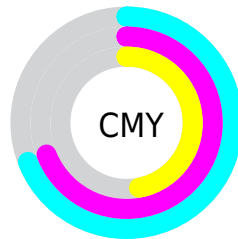


Cyan (41%)

Magenta (41%)

Yellow (0%)

Black (47%)



Cyan (69%)

Magenta (69%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F4F87 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 4F4F87 by changing the saturation by 10% instead.



4F4F87



4F4F87

FFFFFF



36386D



8380BD



1C2355



9E9AD9



000E3D



B9B5F5



000327



D5D0FF



000110



F2EDFF



000000



4F4F87



4F4F87



424287



5D5D87



343487



6A6A87

■ 272787

■ 787887

■ 191987

■ 858587

■ 0B0B87

■ 939387

■ 000087

■ A0A087

■ AEAE87

■ BBBB87

■ C9C987

Harmonies

Analogous

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



00598C



4F4F87



734475

Triad

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



4F4F87



7C4727



00624F

Complementary

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



4F4F87



87874F

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.



296034



4F4F87



68521A

Square

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



4F4F87



873E3E



4D5A1F



00626C

Rectangle

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



4F4F87



813E63



4D5A1F



006246

Sweetspot

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



4F4F87



9B9BB0



4F8787



4D4D59



D9D9D9



595959

Same Dimension

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



4F4F87



5858B0



6B4F87



3C3C42



000082



000003

Inverse Universe

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



874F87



B058B0



6B874F



423C42



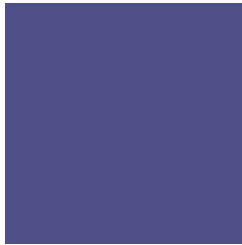
820082



030003

Previews

White Background



This preview shows how the Hex color 4F4F87 looks on a white background.

Color Contrast Check

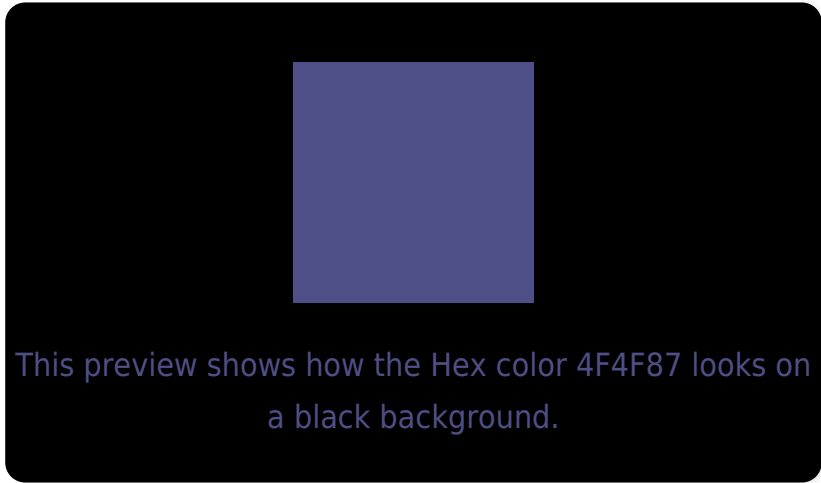
Large Text (above 18pt) WCAG AA ✓ Pass

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

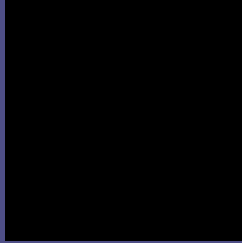
Any Text WCAG AA × Fail

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 4F4F87 Background



This preview shows how black text looks on a background with the Hex color 4F4F87.



This preview shows how white text looks on a background with the Hex color 4F4F87.

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](#).

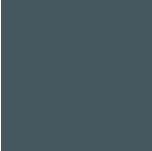
Dichromacy



Original Color
4F4F87

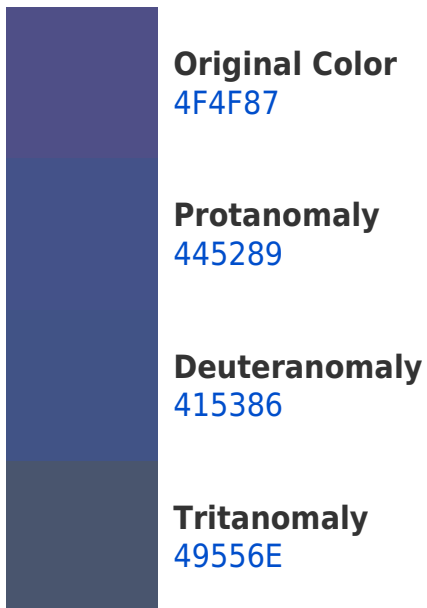
Protanopia
3E538A

Deuteranopia
395586



Tritanopia
45585F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F4F87 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 #4F4F87 looks like.

```
.text, #text, p{  
    color:#4F4F87  
}
```

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 #4F4F87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F4F87
}
```

Border

The CSS property to change the border of an element to Hex 4F4F87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

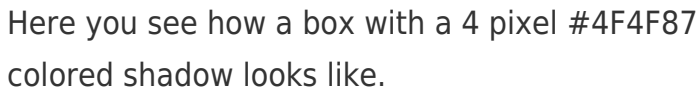
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F4F87 }
```

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

```
.border{ border-color:#4F4F87 }
```

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



Here you see how a box with a 4 pixel #4F4F87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F4F87; -webkit-box-shadow:4px 4px  
4px 4px #4F4F87; box-shadow:4px 4px 4px  
4px #4F4F87 }
```

Background

The CSS property to change the background color of an element to Hex 4F4F87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F4F87 }
```

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

```
.background{ background-color:#4F4F87 }
```

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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awesome pro features!

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