

# Converting Colors

Hex(4D4F7D)

Have a look what the booklet for  
Hex(4D4F7D) contains.

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# Color

**Hex(4D4F7D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D4F7D
RGB	77, 79, 125
RGB Percent	30%, 31%, 49%
CMY	0.6980, 0.6902, 0.5098
CMYK	0.38, 0.37, 0.00, 0.51
HSL	237°, 24%, 40%
HSV	237°, 38%, 49%
XYZ	9.5582, 8.6504, 20.5680
YIQ	83.6460, -15.9580, 13.8820

# Conversions

## Conversions Part 2

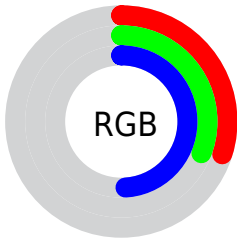
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 79, 125
Decimal	5066621
CIELab	35.30, 11.38, -26.30
CIElCh	35, 28.661, 293.402
Yxy	8.6504, 0.2465, 0.2231
Android (android.graphics.Color)	4283256701 (0xFF4D4F7D)
YUV	83.6460, 20.3875, -5.8285
Hunter-Lab	29.4116, 6.5389, -20.8743

# Details

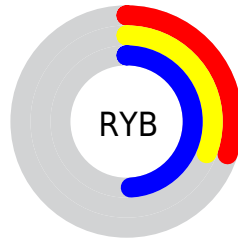
The Hex color **4D4F7D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7D7B4D**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **8080B2**, and **1C234C** is the 20% darker color. If you saturate the color by 10%, you get **41437D**, and if you desaturate by 10%, it is **5A5B7D**.

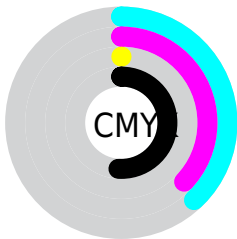
# Distribution



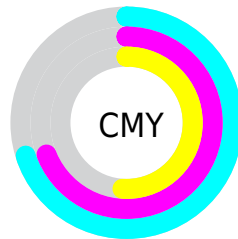
- Red (30%)
- Green (31%)
- Blue (49%)



- Red (30%)
- Yellow (31%)
- Blue (49%)



- Cyan (38%)
- Magenta (37%)
- Yellow (0%)
- Black (51%)



- Cyan (70%)
- Magenta (69%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D4F7D 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 4D4F7D by changing the saturation by 10% instead.



■ 4D4F7D

■ 4D4F7D

FFFFFF

■ 353864

■ 8080B2

■ 1C234C

■ 9A9ACD

■ 040E35

■ B6B5EA

■ 00021F

■ D2D0FF

■ 000002

■ EEEDFF

■ 000000

■ 4D4F7D

■ 4D4F7D

■ 41437D

■ 5A5B7D

■ 34377D

■ 66677D

■ 272B7D

■ 73737D

■ 1B1F7D

■ 7F7F7D

■ 0E137D

■ 8C8B7D

■ 02077D

■ 98977D

■ 00057D

■ A5A37D

■ B1AF7D

■ BEBB7D

# Harmonies

## Analogous

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



1E5780



4D4F7D



6B466F

# Triad

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



4D4F7D



76482F



045E4D

# Complementary

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



4D4F7D



7D7B4D

# 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.



345C37



4D4F7D



655025

# Square

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



4D4F7D



7E4142



4F5728



005F64

# Rectangle

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



4D4F7D



774261



4F5728



1B5E45



# Sweetspot

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



4D4F7D



9090A3



4D7D7B



464752



D1D1D1



525252



# Same Dimension

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



4D4F7D



585BA3



634D7D



393A40



000580



000000



# Inverse Universe

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



7D4D4F



A3585B



677D4D



40393A



800005



000000



# Previews

## White Background



This preview shows how the Hex color 4D4F7D looks on a white background.

## Color Contrast Check

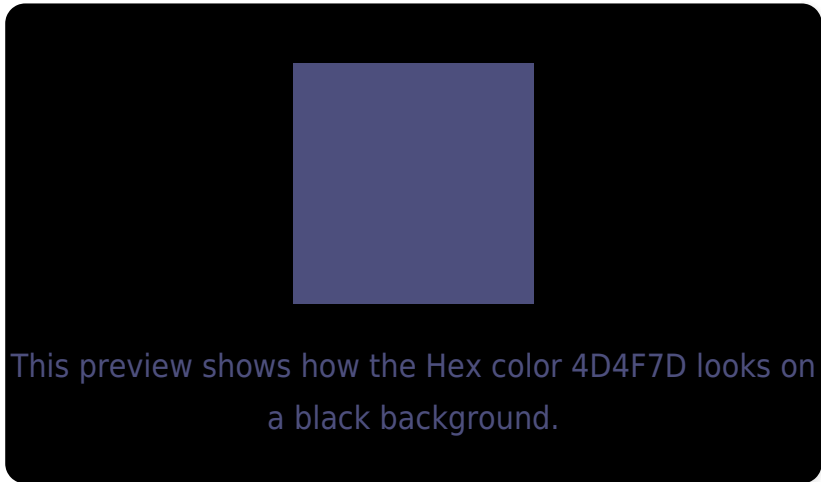
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D4F7D Background



This preview shows how black text looks on a background with the Hex color 4D4F7D.



This preview shows how white text looks on a background with the Hex color 4D4F7D.

# 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](#).

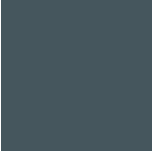
## Dichromacy



**Original Color**  
4D4F7D

**Protanopia**  
43517F

**Deuteranopia**  
40537C



**Tritanopia**  
45565D

# Trichromacy



**Original Color**  
4D4F7D

**Protanomaly**  
47507E

**Deuteranomaly**  
45527C

**Tritanomaly**  
485369

# Monochromacy



**Original Color**  
4D4F7D

**Achromatopsia**  
545454

**Achromatomaly**  
515263

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D4F7D 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 #4D4F7D looks like.

```
.text, #text, p{  
    color:#4D4F7D  
}
```

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 #4D4F7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D4F7D
}
```

## Border

The CSS property to change the border of an element to Hex 4D4F7D 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".

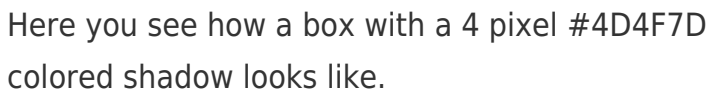
```
.border, #border, table{ border:4px solid
#4D4F7D }
```

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

```
.border{ border-color:#4D4F7D }
```

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

Here you see how a box with a 4 pixel #4D4F7D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D4F7D; -webkit-box-shadow:4px 4px  
4px 4px #4D4F7D; box-shadow:4px 4px 4px  
4px #4D4F7D }
```

# Background

The CSS property to change the background color of an element to Hex 4D4F7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D4F7D }
```

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

```
.background{ background-color:#4D4F7D }
```

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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