

# Converting Colors

Hex(4F527D)

Have a look what the booklet for  
Hex(4F527D) contains.

<b>Hex(4F527D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(4F527D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F527D
RGB	79, 82, 125
RGB Percent	31%, 32%, 49%
CMY	0.6902, 0.6784, 0.5098
CMYK	0.37, 0.34, 0.00, 0.51
HSL	236°, 23%, 40%
HSV	236°, 37%, 49%
XYZ	9.9434, 9.1775, 20.6494
YIQ	86.0050, -15.5910, 12.7370

# Conversions

## Conversions Part 2

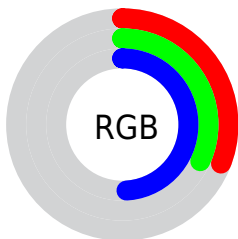
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 82, 125
Decimal	5198461
CIE <sub>Lab</sub>	36.32, 10.06, -24.69
CIE <sub>LCh</sub>	36, 26.665, 292.171
Yxy	9.1775, 0.2500, 0.2308
Android (android.graphics.Color)	4283388541 (0xFF4F527D)
<b>YUV</b>	86.0050, 19.2245, -6.1434
Hunter-Lab	30.2944, 5.5731, -19.2074

# Details

The Hex color **4F527D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7D7A4F**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **8283B2**, and **1F264C** is the 20% darker color. If you saturate the color by 10%, you get **43467D**, and if you desaturate by 10%, it is **5C5E7D**.

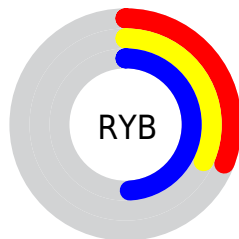
# Distribution



Red (31%)

Green (32%)

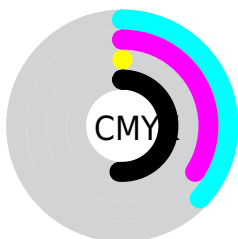
Blue (49%)



Red (31%)

Yellow (32%)

Blue (49%)

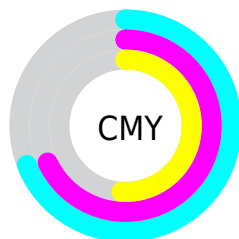


Cyan (37%)

Magenta (34%)

Yellow (0%)

Black (51%)



Cyan (69%)

Magenta (68%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F527D 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 4F527D by changing the saturation by 10% instead.



■ 4F527D

■ 4F527D

FFFFFF

■ 373B64

■ 8283B2

■ 1F264C

■ 9C9DCD

■ 061135

■ B8B8EA

■ 00021F

■ D4D4FF

■ 000003

■ F0F0FF

■ 000000

■ 4F527D

■ 4F527D

■ 43467D

■ 5C5E7D

■ 363B7D

■ 68697D

■ 2A2F7D

■ 75757D

■ 1D237D

■ 81817D

■ 11187D

■ 8E8C7D

■ 040C7D

■ 9A987D

■ 00087D

■ A7A47D

■ B3AF7D

■ C0BB7D

# Harmonies

## Analogous

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



275980



4F527D



6B4A70

# Triad

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



4F527D



774B34



18604F

# Complementary

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



4F527D



7D7A4F

# 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.



3A5E3A



4F527D



68522B

# Square

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



4F527D



7E4546



53592D



006065

# Rectangle

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



4F527D



774663



53592D



266048



# Sweetspot

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



4F527D



9192A3



4F7D7A



474852



D1D1D1



525252



# Same Dimension

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



4F527D



5B60A3



634F7D



393A40



000880



000000



# Inverse Universe

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



7D4F52



A35B60



697D4F



40393A



800008



000000



# Previews

## White Background



This preview shows how the Hex color 4F527D looks on a white background.

## Color Contrast Check

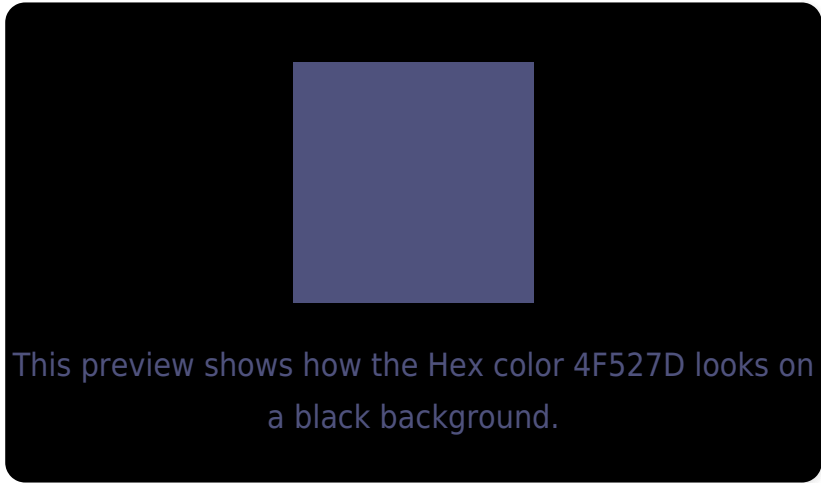
Large Text (above 18pt) WCAG AA ✓ Pass

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

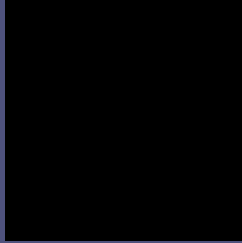
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4F527D Background



This preview shows how black text looks on a background with the Hex color 4F527D.



This preview shows how white text looks on a background with the Hex color 4F527D.

# 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](#).

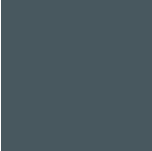
## Dichromacy



**Original Color**  
4F527D

**Protanopia**  
47547F

**Deuteranopia**  
45557C



**Tritanopia**  
48585F

# Trichromacy



**Original Color**  
4F527D

**Protanomaly**  
4A537E

**Deuteranomaly**  
49547C

**Tritanomaly**  
4B566A

# Monochromacy



**Original Color**  
4F527D

**Achromatopsia**  
565656

**Achromatomaly**  
535564

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F527D 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 #4F527D looks like.

```
.text, #text, p{  
    color:#4F527D  
}
```

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 #4F527D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F527D
}
```

## Border

The CSS property to change the border of an element to Hex 4F527D 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
#4F527D }
```

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

```
.border{ border-color:#4F527D }
```

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

Here you see how a box with a 4 pixel #4F527D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F527D; -webkit-box-shadow:4px 4px  
4px 4px #4F527D; box-shadow:4px 4px 4px  
4px #4F527D }
```

# Background

The CSS property to change the background color of an element to Hex 4F527D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F527D }
```

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

```
.background{ background-color:#4F527D }
```

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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