

Converting Colors

Hex(4F337D)

Have a look what the booklet for
Hex(4F337D) contains.

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Color

Hex(4F337D)

Conversions

Conversions Part 1

Format	Color
Hex	4F337D
RGB	79, 51, 125
RGB Percent	31%, 20%, 49%
CMY	0.6902, 0.8000, 0.5098
CMYK	0.37, 0.59, 0.00, 0.51
HSL	263°, 42%, 35%
HSV	263°, 59%, 49%
XYZ	8.1099, 5.5106, 20.0382
YIQ	67.8080, -7.0660, 28.9500

Conversions

Conversions Part 2

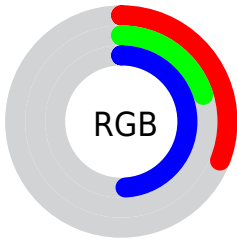
Format	Color
R_{YB}	79, 51, 125
Decimal	5190525
CIE _{Lab}	28.14, 29.85, -37.65
CIE _{LCh}	28, 48.052, 308.408
Yxy	5.5106, 0.2409, 0.1637
Android (android.graphics.Color)	4283380605 (0xFF4F337D)
YUV	67.8080, 28.1957, 9.8154
Hunter-Lab	23.4746, 20.5870, -34.1784

Details

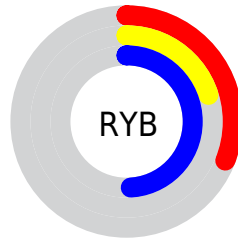
The Hex color **4F337D** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **617D33**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **8363B2**, and **1C074B** is the 20% darker color. If you saturate the color by 10%, you get **47277D**, and if you desaturate by 10%, it is **57407D**.

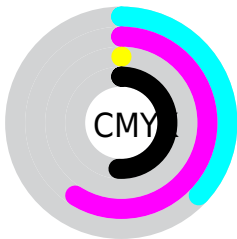
Distribution



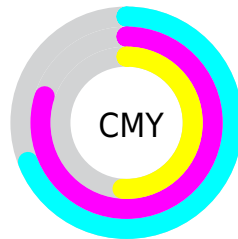
- Red (31%)
- Green (20%)
- Blue (49%)



- Red (31%)
- Yellow (20%)
- Blue (49%)



- Cyan (37%)
- Magenta (59%)
- Yellow (0%)
- Black (51%)



- Cyan (69%)
- Magenta (80%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F337D 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 4F337D by changing the saturation by 10% instead.

■ 4F337D

■ 4F337D

FFFFFF

■ 361D64

■ 8363B2

■ 1C074B

■ 9E7CCE

■ 040034

■ BA96EA

■ 00021E

■ D6B1FF

■ 000000

■ F3CCFF

■ FFE9FF

■ 4F337D

■ 4F337D

■ 47277D

■ 57407D

■ 3F1A7D

■ 5F4C7D

■ 380E7D

■ 66597D

■ 30017D

■ 6E657D

■ 2F007D

■ 76727D

■ 7E7E7D

■ 858B7D

■ 8D977D

■ 95A47D

Harmonies

Analogous

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



00448C



4F337D



751D5E

Triad

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



4F337D



673600



00524C

Complementary

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



4F337D



617D33

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.



005125



4F337D



494400

Square

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



4F337D



7C2316



1E4D00



005270

Rectangle

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



4F337D



801346



1E4D00



00523F

Sweetspot

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



4F337D



9186A3



33627D



464052



D1D1D1



525252

Same Dimension

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



4F337D



5B2FA3



73337D



3C3940



300080



000000

Inverse Universe

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



7D3361



A32F77



3D7D33



40393D



80004F



000000

Previews

White Background



This preview shows how the Hex color 4F337D looks on a white background.

Color Contrast Check

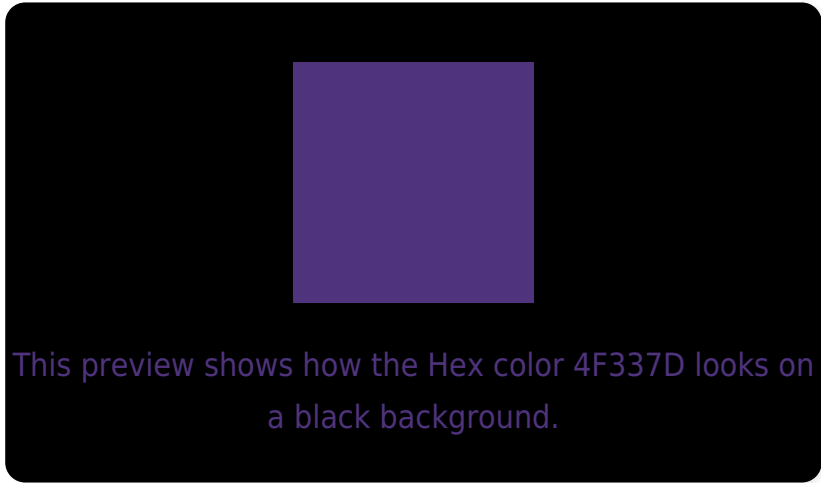
Large Text (above 18pt) WCAG AA ✓ Pass

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

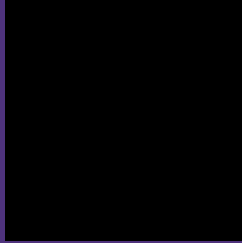
Any Text WCAG AA × Fail

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 4F337D Background



This preview shows how black text looks on a background with the Hex color 4F337D.



This preview shows how white text looks on a background with the Hex color 4F337D.

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
4F337D

Protanopia
004089

Deuteranopia
004478

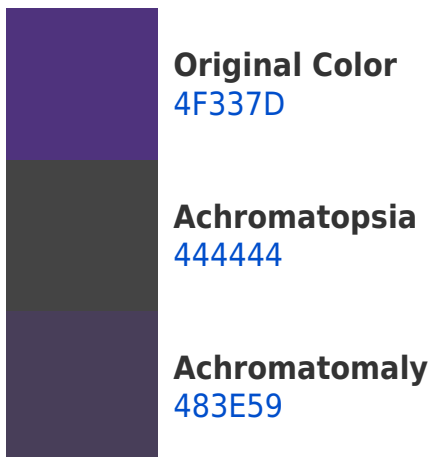


Tritanopia
444247

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F337D 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 #4F337D looks like.

```
.text, #text, p{  
    color:#4F337D  
}
```

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 #4F337D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F337D
}
```

Border

The CSS property to change the border of an element to Hex 4F337D 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
#4F337D }
```

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

```
.border{ border-color:#4F337D }
```

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

Here you see how a box with a 4 pixel #4F337D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F337D; -webkit-box-shadow:4px 4px  
4px 4px #4F337D; box-shadow:4px 4px 4px  
4px #4F337D }
```

Background

The CSS property to change the background color of an element to Hex 4F337D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F337D }
```

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

```
.background{ background-color:#4F337D }
```

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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