

Converting Colors

Hex(4F3C78)

Have a look what the booklet for
Hex(4F3C78) contains.

Hex(4F3C78)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4F3C78)

Conversions

Conversions Part 1

Format	Color
Hex	4F3C78
RGB	79, 60, 120
RGB Percent	31%, 24%, 47%
CMY	0.6902, 0.7647, 0.5294
CMYK	0.34, 0.50, 0.00, 0.53
HSL	259°, 33%, 35%
HSV	259°, 50%, 47%
XYZ	8.2305, 6.2500, 18.5419
YIQ	72.5210, -7.9360, 22.6880

Conversions

Conversions Part 2

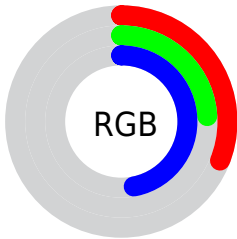
Format	Color
R_{YB}	79, 60, 120
Decimal	5192824
CIE _{Lab}	30.03, 22.78, -31.49
CIE _{LCh}	30, 38.864, 305.887
Yxy	6.2500, 0.2492, 0.1893
Android (android.graphics.Color)	4283382904 (0xFF4F3C78)
YUV	72.5210, 23.4071, 5.6821
Hunter-Lab	25.0001, 15.0152, -26.4737

Details

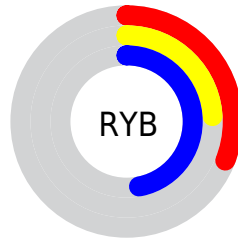
The Hex color **4F3C78** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **65783C**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **826CAD**, and **1E1147** is the 20% darker color. If you saturate the color by 10%, you get **473078**, and if you desaturate by 10%, it is **574878**.

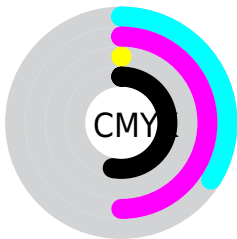
Distribution



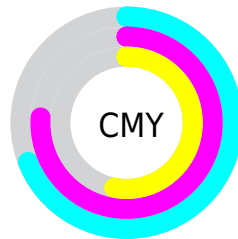
- Red (31%)
- Green (24%)
- Blue (47%)



- Red (31%)
- Yellow (24%)
- Blue (47%)



- Cyan (34%)
- Magenta (50%)
- Yellow (0%)
- Black (53%)



- Cyan (69%)
- Magenta (76%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F3C78 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 4F3C78 by changing the saturation by 10% instead.



4F3C78



4F3C78

FFFFFF



36265F



826CAD



1E1147



9D85C8



0D0030



B89FE4



00011A



D4BAFF



000000



F1D6FF



FFF3FF



4F3C78



4F3C78



473078



574878

■ 3F2478

■ 5F5478

■ 361878

■ 686078

■ 2E0C78

■ 706C78

■ 260078

■ 787878

■ 808478

■ 889078

■ 919C78

■ 99A878

Harmonies

Analogous

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



004883



4F3C78



702E60

Triad

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



4F3C78



693C0C



00554C

Complementary

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



4F3C78



65783C

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.



00532D



4F3C78



504700

Square

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



4F3C78



792F25



304F10



005469

Rectangle

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



4F3C78



7A294C



304F10



005541

Sweetspot

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



4F3C78



8C849C



3C6578



45414F



CFCFCF



4F4F4F

Same Dimension

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



4F3C78



5C3E9C



6D3C78



39373D



28007D



5000FC

Inverse Universe

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



783C65



9C3E7E



47783C



3D373B



7D0055



FC00AD

Previews

White Background



This preview shows how the Hex color 4F3C78 looks on a white background.

Color Contrast Check

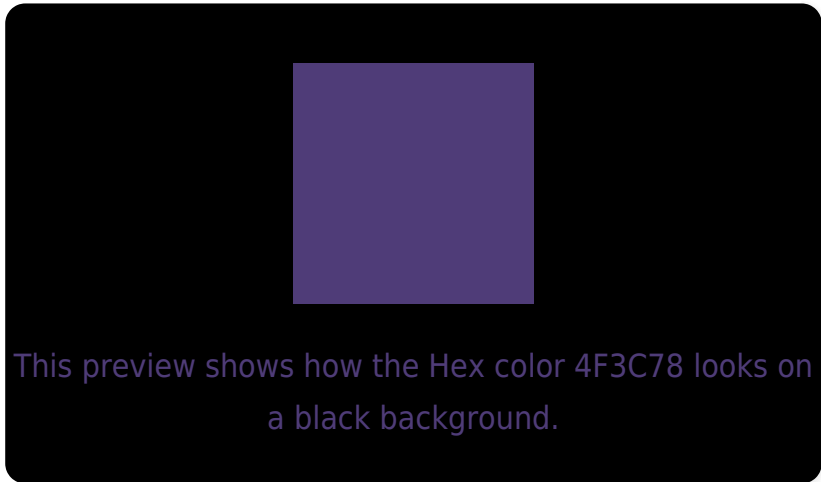
Large Text (above 18pt) WCAG AA ✓ Pass

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

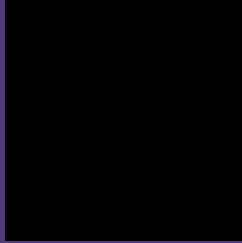
Any Text WCAG AA × Fail

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 4F3C78 Background



This preview shows how black text looks on a background with the Hex color 4F3C78.



This preview shows how white text looks on a background with the Hex color 4F3C78.

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
4F3C78

Protanopia
2A4581

Deuteranopia
284776



Tritanopia
46474C

Trichromacy



Original Color
4F3C78

Protanomaly
37427E

Deuteranomaly
364377

Tritanomaly
49435C

Monochromacy



Original Color
4F3C78

Achromatopsia
494949

Achromatomaly
4B445A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F3C78 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 #4F3C78 looks like.

```
.text, #text, p{  
    color:#4F3C78  
}
```

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 #4F3C78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F3C78
}
```

Border

The CSS property to change the border of an element to Hex 4F3C78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

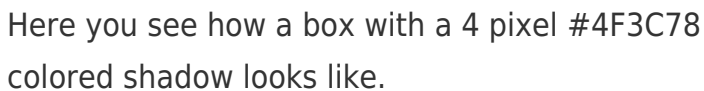
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F3C78 }
```

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

```
.border{ border-color:#4F3C78 }
```

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



Here you see how a box with a 4 pixel #4F3C78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F3C78; -webkit-box-shadow:4px 4px  
4px 4px #4F3C78; box-shadow:4px 4px 4px  
4px #4F3C78 }
```

Background

The CSS property to change the background color of an element to Hex 4F3C78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F3C78 }
```

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

```
.background{ background-color:#4F3C78 }
```

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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