

Converting Colors

Hex(4F2C67)

Have a look what the booklet for
Hex(4F2C67) contains.

Hex(4F2C67)	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(4F2C67)

Conversions

Conversions Part 1

Format	Color
Hex	4F2C67
RGB	79, 44, 103
RGB Percent	31%, 17%, 40%
CMY	0.6902, 0.8275, 0.5961
CMYK	0.23, 0.57, 0.00, 0.60
HSL	276°, 40%, 29%
HSV	276°, 57%, 40%
XYZ	6.5733, 4.4429, 13.3431
YIQ	61.1910, 1.9210, 25.7690

Conversions

Conversions Part 2

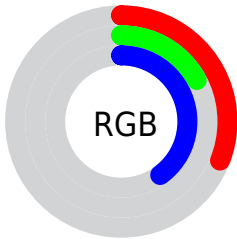
Format	Color
R_{YB}	79, 44, 103
Decimal	5188711
CIE _{Lab}	25.08, 28.15, -28.51
CIE _{LCh}	25, 40.059, 314.637
Yxy	4.4429, 0.2698, 0.1824
Android (android.graphics.Color)	4283378791 (0xFF4F2C67)
YUV	61.1910, 20.6118, 15.6185
Hunter-Lab	21.0782, 18.7791, -22.7775

Details

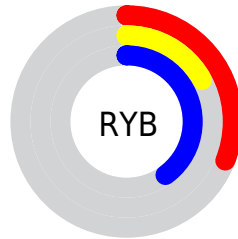
The Hex color **4F2C67** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **44672C**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **825B9B**, and **200037** is the 20% darker color. If you saturate the color by 10%, you get **4B2267**, and if you desaturate by 10%, it is **533667**.

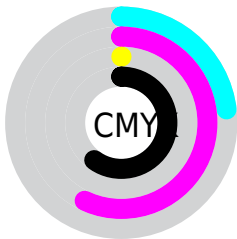
Distribution



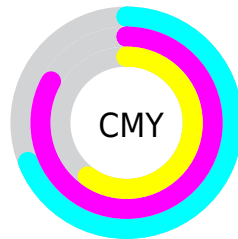
- Red (31%)
- Green (17%)
- Blue (40%)



- Red (31%)
- Yellow (17%)
- Blue (40%)



- Cyan (23%)
- Magenta (57%)
- Yellow (0%)
- Black (60%)



- Cyan (69%)
- Magenta (83%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F2C67 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 4F2C67 by changing the saturation by 10% instead.



4F2C67



4F2C67

FFFFFF



37164F



825B9B



200037



9D74B5



000022



B88ED1



000007



D4A9EE



000000



F1C4FF



FFE0FF



FFFDFD



4F2C67



4F2C67

■ 4B2267

■ 533667

■ 471767

■ 574167

■ 420D67

■ 5C4B67

■ 3E0367

■ 605567

■ 3D0067

■ 646067

■ 686A67

■ 6C7467

■ 717E67

■ 758967

Harmonies

Analogous

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



0D3A77



4F2C67



691D4C

Triad

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



4F2C67



563400



00494A

Complementary

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



4F2C67



44672C

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.



00482A



4F2C67



3C3F00

Square

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



4F2C67



692611



16450B



004866

Rectangle

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



4F2C67



701938



16450B



004940

Sweetspot

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



4F2C67



7E7087



2C4567



3F3745



C4C4C4



454545

Same Dimension

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



4F2C67



612A87



672C62



312E33



440073



9000F2

Inverse Universe

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



672C44



872A50



2C6731



332E30



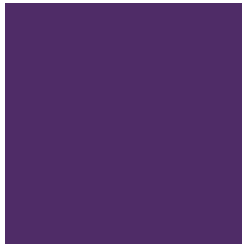
73002F



F20063

Previews

White Background



This preview shows how the Hex color 4F2C67 looks on a white background.

Color Contrast Check

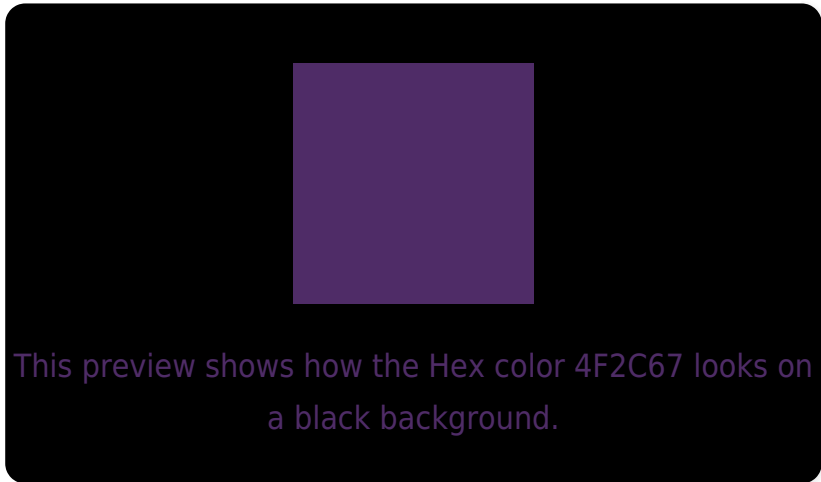
Large Text (above 18pt) WCAG AA ✓ Pass

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

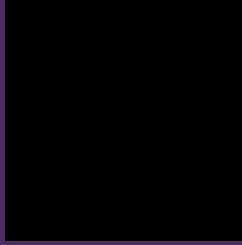
Any Text WCAG AA × Fail

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 4F2C67 Background



This preview shows how black text looks on a background with the Hex color 4F2C67.



This preview shows how white text looks on a background with the Hex color 4F2C67.

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](#).

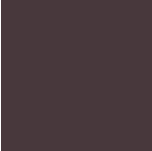
Dichromacy



Original Color
4F2C67

Protanopia
183A75

Deuteranopia
223C64



Tritanopia
48383C

Trichromacy



Original Color
4F2C67

Protanomaly
2C3570

Deuteranomaly
323665

Tritanomaly
4B344C

Monochromacy



Original Color
4F2C67

Achromatopsia
3D3D3D

Achromatomaly
44374C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F2C67 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 #4F2C67 looks like.

```
.text, #text, p{  
    color:#4F2C67  
}
```

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 #4F2C67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F2C67
}
```

Border

The CSS property to change the border of an element to Hex 4F2C67 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
#4F2C67 }
```

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

```
.border{ border-color:#4F2C67 }
```

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

Here you see how a box with a 4 pixel #4F2C67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F2C67; -webkit-box-shadow:4px 4px  
4px 4px #4F2C67; box-shadow:4px 4px 4px  
4px #4F2C67 }
```

Background

The CSS property to change the background color of an element to Hex 4F2C67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F2C67 }
```

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

```
.background{ background-color:#4F2C67 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor