

# Converting Colors

Hex(4F2A5C)

Have a look what the booklet for  
Hex(4F2A5C) contains.

<b>Hex(4F2A5C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(4F2A5C)

# Conversions

## Conversions Part 1

Format	Color
Hex	4F2A5C
RGB	79, 42, 92
RGB Percent	31%, 16%, 36%
CMY	0.6902, 0.8353, 0.6392
CMYK	0.14, 0.54, 0.00, 0.64
HSL	284°, 37%, 26%
HSV	284°, 54%, 36%
XYZ	5.9842, 4.0909, 10.5994
YIQ	58.7630, 6.0020, 23.3940

# Conversions

## Conversions Part 2

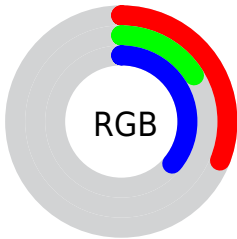
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 42, 92
Decimal	5188188
CIELab	23.97, 26.63, -23.09
CIElCh	24, 35.245, 319.070
Yxy	4.0909, 0.2894, 0.1979
Android (android.graphics.Color)	4283378268 (0xFF4F2A5C)
YUV	58.7630, 16.3858, 17.7478
Hunter-Lab	20.2260, 17.4167, -16.9128




# Details

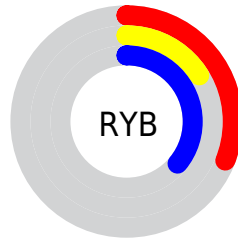
The Hex color **4F2A5C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **375C2A**, and the grayscale version is **3B3B3B**.




A 20% lighter version of the original color is **82598F**, and **22002E** is the 20% darker color. If you saturate the color by 10%, you get **4D215C**, and if you desaturate by 10%, it is **51335C**.

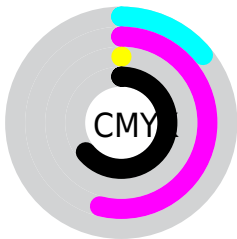
# Distribution







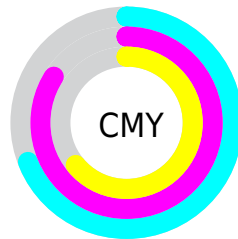
-  Red (31%)
-  Green (16%)
-  Blue (36%)






-  Red (31%)
-  Yellow (16%)
-  Blue (36%)



-  Cyan (14%)
-  Magenta (54%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (69%)
-  Magenta (84%)
-  Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F2A5C 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 4F2A5C by changing the saturation by 10% instead.



■ 4F2A5C

■ 4F2A5C

FFFFFF

■ 371444

■ 82598F

■ 22002E

■ 9C72A9

■ 000118

■ B78CC4

■ 000000

■ D3A6E1

■ F0C2FD

■ FFDEFF

■ FFFAFF

■ 4F2A5C

■ 4F2A5C

■ 4D215C

■ 51335C

■ 4A185C

■ 543C5C

■ 480E5C

■ 56465C

■ 45055C

■ 594F5C

■ 44005C

■ 5B585C

■ 5D615C

■ 606A5C

■ 62745C

■ 657D5C

# Harmonies

## Analogous

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



24366B



4F2A5C



631F44

# Triad

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



4F2A5C



4E3400



00454A

# Complementary

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



4F2A5C



375C2A

# 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.



00452E



4F2A5C



363D00

# Square

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



4F2A5C



602911



134214



004461

# Rectangle

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



4F2A5C



681E32



134214



004541



# Sweetspot

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



4F2A5C



736578



2A375C



3A323D



BDBDBD



3D3D3D



# Same Dimension

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



4F2A5C



642A78



5C2A50



2D292E



51006E



AF00ED



# Inverse Universe

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



5C2A37



782A3E



2A5C36



2E292B



6E001D



ED003E



# Previews

## White Background



This preview shows how the Hex color 4F2A5C looks on a white background.

## Color Contrast Check

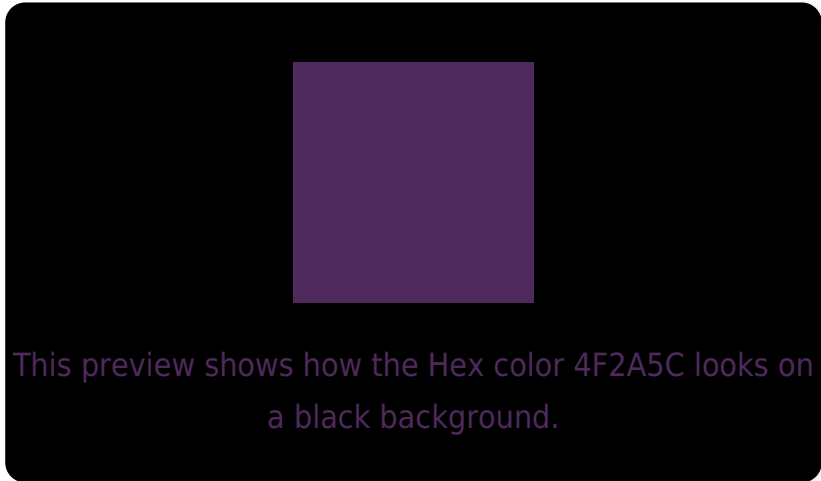
Large Text (above 18pt) WCAG AA ✓ Pass

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

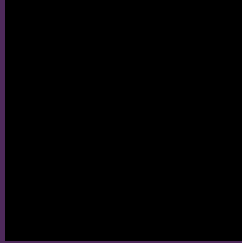
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F2A5C Background



This preview shows how black text looks on a background with the Hex color 4F2A5C.



This preview shows how white text looks on a background with the Hex color 4F2A5C.

# 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](#).

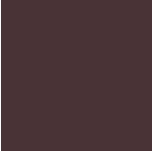
## Dichromacy



**Original Color**  
4F2A5C

**Protanopia**  
213869

**Deuteranopia**  
293959



**Tritanopia**  
4A3337

# Trichromacy



**Original Color**  
4F2A5C

**Protanomaly**  
323364

**Deuteranomaly**  
37345A

**Tritanomaly**  
4C3044

# Monochromacy



**Original Color**  
4F2A5C

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
423547

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F2A5C 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 #4F2A5C looks like.

```
.text, #text, p{  
    color:#4F2A5C  
}
```

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 #4F2A5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F2A5C
}
```

## Border

The CSS property to change the border of an element to Hex 4F2A5C is called "border". The border property can be set on classes, ids or directly on the HTML element.

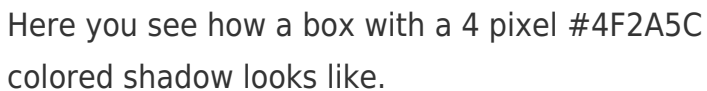
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F2A5C }
```

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

```
.border{ border-color:#4F2A5C }
```

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



Here you see how a box with a 4 pixel #4F2A5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F2A5C; -webkit-box-shadow:4px 4px  
4px 4px #4F2A5C; box-shadow:4px 4px 4px  
4px #4F2A5C }
```

# Background

The CSS property to change the background color of an element to Hex 4F2A5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F2A5C }
```

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

```
.background{ background-color:#4F2A5C }
```

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