

# Converting Colors

Hex(4F2D5F)

Have a look what the booklet for  
Hex(4F2D5F) contains.

<b>Hex(4F2D5F)</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(4F2D5F)

# Conversions

## Conversions Part 1

Format	Color
Hex	4F2D5F
RGB	79, 45, 95
RGB Percent	31%, 18%, 37%
CMY	0.6902, 0.8235, 0.6275
CMYK	0.17, 0.53, 0.00, 0.63
HSL	281°, 36%, 27%
HSV	281°, 53%, 37%
XYZ	6.2284, 4.3653, 11.3408
YIQ	60.8660, 4.2140, 22.7580

# Conversions

## Conversions Part 2

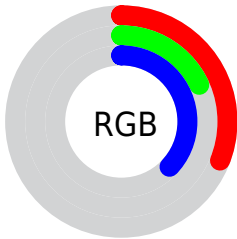
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	79, 45, 95
Decimal	5188959
CIE Lab	24.84, 25.53, -23.68
CIE LCh	25, 34.820, 317.153
Yxy	4.3653, 0.2840, 0.1990
Android (android.graphics.Color)	4283379039 (0xFF4F2D5F)
YUV	60.8660, 16.8281, 15.9035
Hunter-Lab	20.8932, 16.6488, -17.5572

# Details

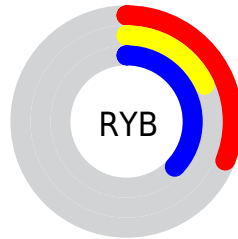
The Hex color **4F2D5F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3D5F2D**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **815C92**, and **210030** is the 20% darker color. If you saturate the color by 10%, you get **4C245F**, and if you desaturate by 10%, it is **52375F**.

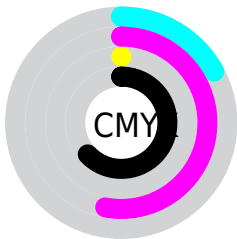
# Distribution



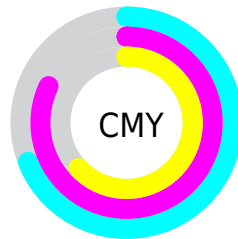
- Red (31%)
- Green (18%)
- Blue (37%)



- Red (31%)
- Yellow (18%)
- Blue (37%)



- Cyan (17%)
- Magenta (53%)
- Yellow (0%)
- Black (63%)



- Cyan (69%)
- Magenta (82%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F2D5F 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 4F2D5F by changing the saturation by 10% instead.





4F2D5F



4F2D5F

FFFFFF



371747



815C92



210030



9C75AC



00001B



B78FC8



000000



D3AAE4



F0C5FF



FFE1FF



FFFEFF



4F2D5F



4F2D5F

■ 4C245F

■ 52375F

■ 491A5F

■ 55405F

■ 46115F

■ 584A5F

■ 43075F

■ 5B535F

■ 41005F

■ 5E5D5F

■ 61665F

■ 64705F

■ 67795F

■ 6A835F

# Harmonies

## Analogous

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



23396D



4F2D5F



642247

# Triad

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



4F2D5F



513601



00474A

# Complementary

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



4F2D5F



3D5F2D

# 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.



00472E



4F2D5F



3A3E00

# Square

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



4F2D5F



622B15



194414



004661

# Rectangle

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



4F2D5F



6A2036



194414



004741



# Sweetspot

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



4F2D5F



74677A



2D3E5F



39323D



BDBDBD



3D3D3D



# Same Dimension

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



4F2D5F



622D7A



5F2D57



2F2C30



4C0070



A300F0



# Inverse Universe

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



5F2D3D



7A2D46



2D5F35



302C2D



700024

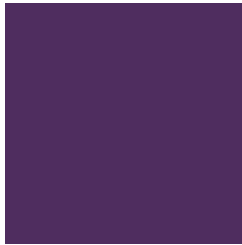


F0004D



# Previews

## White Background



This preview shows how the Hex color 4F2D5F 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

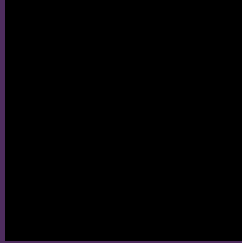
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F2D5F Background



This preview shows how black text looks on a background with the Hex color 4F2D5F.



This preview shows how white text looks on a background with the Hex color 4F2D5F.

# 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](#).

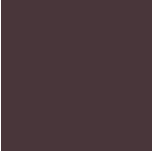
## Dichromacy



**Original Color**  
4F2D5F

**Protanopia**  
243A6B

**Deuteranopia**  
2A3B5C



**Tritanopia**  
49363A

# Trichromacy



**Original Color**  
4F2D5F

**Protanomaly**  
343567

**Deuteranomaly**  
37365D

**Tritanomaly**  
4B3347

# Monochromacy



**Original Color**  
4F2D5F

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
443749

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F2D5F 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 #4F2D5F looks like.

```
.text, #text, p{  
    color:#4F2D5F  
}
```

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 #4F2D5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F2D5F
}
```

## Border

The CSS property to change the border of an element to Hex 4F2D5F is called "border". The border property can be set on classes, ids or directly on the HTML element.

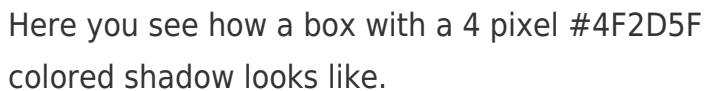
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F2D5F }
```

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

```
.border{ border-color:#4F2D5F }
```

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



Here you see how a box with a 4 pixel #4F2D5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F2D5F; -webkit-box-shadow:4px 4px  
4px 4px #4F2D5F; box-shadow:4px 4px 4px  
4px #4F2D5F }
```

# Background

The CSS property to change the background color of an element to Hex 4F2D5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F2D5F }
```

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

```
.background{ background-color:#4F2D5F }
```

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