

# Converting Colors

Hex(4F2733)

Have a look what the booklet for  
Hex(4F2733) contains.

<b>Hex(4F2733)</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(4F2733)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F2733
RGB	79, 39, 51
RGB Percent	31%, 15%, 20%
CMY	0.6902, 0.8471, 0.8000
CMYK	0.00, 0.51, 0.35, 0.69
HSL	342°, 34%, 23%
HSV	342°, 51%, 31%
XYZ	4.5475, 3.3523, 3.5393
YIQ	52.3280, 19.9880, 12.2120

# Conversions

## Conversions Part 2

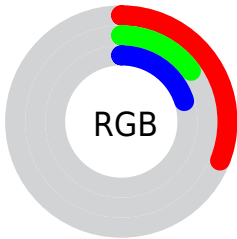
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 39, 51
Decimal	5187379
CIE Lab	21.40, 20.30, 0.66
CIE LCh	21, 20.307, 1.860
Yxy	3.3523, 0.3975, 0.2931
Android (android.graphics.Color)	4283377459 (0xFF4F2733)
YUV	52.3280, -0.6547, 23.3913
Hunter-Lab	18.3093, 12.2929, 1.3553




# Details

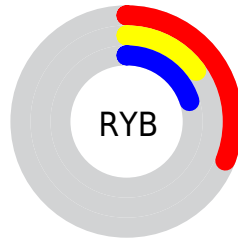
The Hex color **4F2733** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **274F43**, and the grayscale version is **343434**.




A 20% lighter version of the original color is **825561**, and **240004** is the 20% darker color. If you saturate the color by 10%, you get **4F1F2D**, and if you desaturate by 10%, it is **4F2F39**.

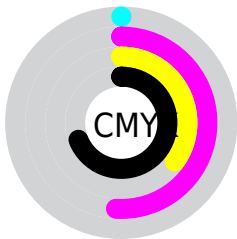
# Distribution







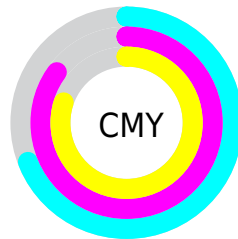
-  Red (31%)
-  Green (15%)
-  Blue (20%)






-  Red (31%)
-  Yellow (15%)
-  Blue (20%)



-  Cyan (0%)
-  Magenta (51%)
-  Yellow (35%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (85%)
-  Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F2733 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 4F2733 by changing the saturation by 10% instead.





4F2733



4F2733

FFFFFF



37111E



825561



240004



9C6E7A



000000



B88794



D4A2AE



F0BDCA



FFD9E6



FFF5FF



4F2733



4F2733

■ 4F1F2D

■ 4F2F39

■ 4F1728

■ 4F373E

■ 4F0F22

■ 4F3F44

■ 4F071D

■ 4F4749

■ 4F0018

■ 4F4F4F

■ 4F5654

■ 4F5E5A

■ 4F665F

■ 4F6E65

# Harmonies

## Analogous

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



472A42



4F2733



4F2924

# Triad

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



4F2733



2C3719



00394D

# Complementary

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



4F2733



274F43

# 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.



003B43



4F2733



193A25

# Square

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



4F2733



3C3315



003B34



1C3551

# Rectangle

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



4F2733



4B2C1C



003B34



003A4B



# Sweetspot

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



4F2733



66575B



43274F



332A2D



B3B3B3



333333



# Same Dimension

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



4F2733



66283A



4F2F27



262224



66001F



E60045



# Inverse Universe

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



4F2733



66283A



27474F



262224



66001F

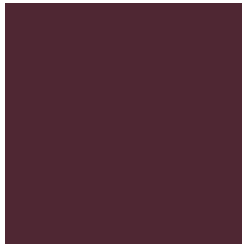


E60045



# Previews

## White Background



This preview shows how the Hex color 4F2733 looks on a white background.

## Color Contrast Check

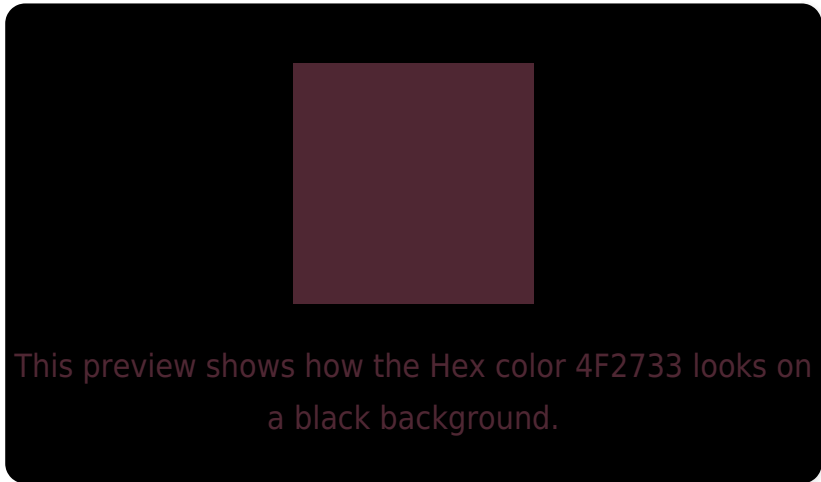
Large Text (above 18pt) WCAG AA ✓ Pass

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

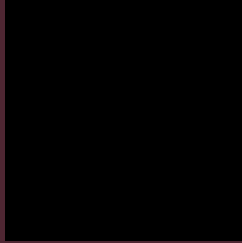
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F2733 Background



This preview shows how black text looks on a background with the Hex color 4F2733.



This preview shows how white text looks on a background with the Hex color 4F2733.

# 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**  
4F2733

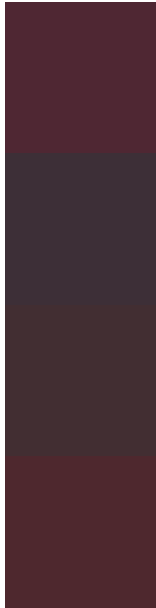
**Protanopia**  
33343A

**Deuteranopia**  
3A3231



**Tritanopia**  
4E282B

# Trichromacy



**Original Color**  
4F2733

**Protanomaly**  
3D2F37

**Deuteranomaly**  
422E32

**Tritanomaly**  
4E282E

# Monochromacy



**Original Color**  
4F2733

**Achromatopsia**  
343434

**Achromatomaly**  
3E2F34

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F2733 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 #4F2733 looks like.

```
.text, #text, p{  
    color:#4F2733  
}
```

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 #4F2733 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F2733
}
```

## Border

The CSS property to change the border of an element to Hex 4F2733 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".

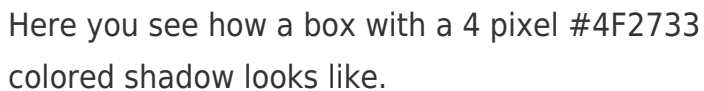
```
.border, #border, table{ border:4px solid
#4F2733 }
```

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

```
.border{ border-color:#4F2733 }
```

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

Here you see how a box with a 4 pixel #4F2733 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F2733; -webkit-box-shadow:4px 4px  
4px 4px #4F2733; box-shadow:4px 4px 4px  
4px #4F2733 }
```

# Background

The CSS property to change the background color of an element to Hex 4F2733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F2733 }
```

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

```
.background{ background-color:#4F2733 }
```

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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