

# Converting Colors

Hex(4F3D5B)

Have a look what the booklet for  
Hex(4F3D5B) contains.

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# Color

Hex(4F3D5B)

# Conversions

## Conversions Part 1

Format	Color
Hex	4F3D5B
RGB	79, 61, 91
RGB Percent	31%, 24%, 36%
CMY	0.6902, 0.7608, 0.6431
CMYK	0.13, 0.33, 0.00, 0.64
HSL	276°, 20%, 30%
HSV	276°, 33%, 36%
XYZ	6.7815, 5.7551, 10.6509
YIQ	69.8020, 1.0980, 13.1460

# Conversions

## Conversions Part 2

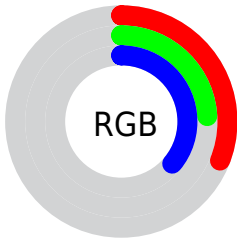
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 61, 91
Decimal	5193051
CIE <sub>Lab</sub>	28.79, 14.34, -14.94
CIE <sub>LCh</sub>	29, 20.703, 313.829
Yxy	5.7551, 0.2925, 0.2482
Android (android.graphics.Color)	4283383131 (0xFF4F3D5B)
YUV	69.8020, 10.4506, 8.0666
Hunter-Lab	23.9898, 8.4770, -9.5307

# Details

The Hex color **4F3D5B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **495B3D**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **816D8D**, and **22122D** is the 20% darker color. If you saturate the color by 10%, you get **4B345B**, and if you desaturate by 10%, it is **53465B**.

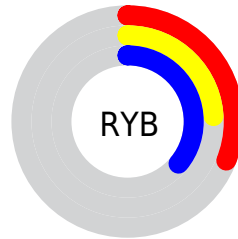
# Distribution



 Red (31%)

 Green (24%)

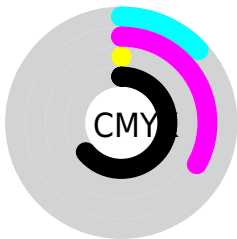
 Blue (36%)



 Red (31%)

 Yellow (24%)

 Blue (36%)

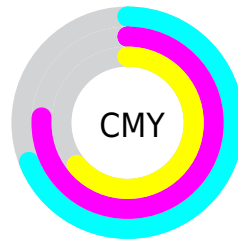


 Cyan (13%)

 Magenta (33%)

 Yellow (0%)

 Black (64%)



 Cyan (69%)

 Magenta (76%)

 Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F3D5B 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 4F3D5B by changing the saturation by 10% instead.



■ 4F3D5B

■ 4F3D5B

FFFFFF

■ 382743

■ 816D8D

■ 22122D

■ 9B86A8

■ 090019

■ B6A0C3

■ 000000

■ D1BBDF

■ EED7FC

■ FFF3FF

■ 4F3D5B

■ 4F3D5B

■ 4B345B

■ 53465B

482B5B

564F5B

44225B

5A585B

40195B

5E615B

3D105B

616B5B

39065B

65745B

37005B

687D5B

6C865B

708F5B

# Harmonies

## Analogous

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



394363



4F3D5B



5D384D

# Triad

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



4F3D5B



564025



044C4B

# Complementary

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



4F3D5B



495B3D

# 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.



204C3A



4F3D5B



474524

# Square

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



4F3D5B



603B2E



35492C



004B59

# Rectangle

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



4F3D5B



623742



35492C



0F4C45



# Sweetspot

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



4F3D5B



716A75



3D495B



38343B



BABABA



3B3B3B



# Same Dimension

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



4F3D5B



634675



5B3D58



2C292E



42006E



8E00ED



# Inverse Universe

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



5B3D49



754659



3D5B40



2E292B



6E002C



ED005F



# Previews

## White Background



This preview shows how the Hex color 4F3D5B looks on a white background.

## Color Contrast Check

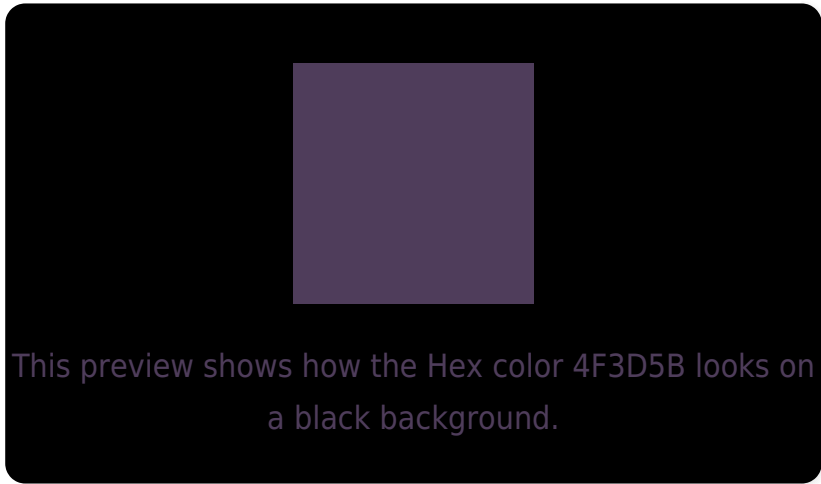
Large Text (above 18pt) WCAG AA ✓ Pass

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

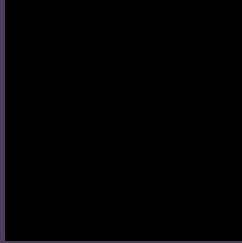
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F3D5B Background



This preview shows how black text looks on a background with the Hex color 4F3D5B.



This preview shows how white text looks on a background with the Hex color 4F3D5B.

# 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](#).

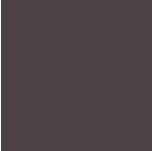
## Dichromacy



**Original Color**  
4F3D5B

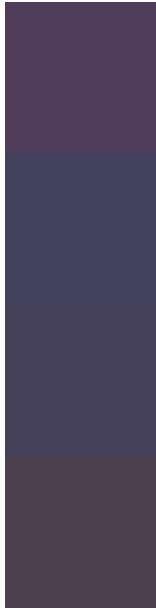
**Protanopia**  
3B4360

**Deuteranopia**  
3F435A



**Tritanopia**  
4C4146

# Trichromacy



**Original Color**  
4F3D5B

**Protanomaly**  
42415E

**Deuteranomaly**  
45415A

**Tritanomaly**  
4D404E

# Monochromacy



**Original Color**  
4F3D5B

**Achromatopsia**  
464646

**Achromatomaly**  
49434E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F3D5B 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 #4F3D5B looks like.

```
.text, #text, p{  
    color:#4F3D5B  
}
```

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 #4F3D5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F3D5B
}
```

## Border

The CSS property to change the border of an element to Hex 4F3D5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

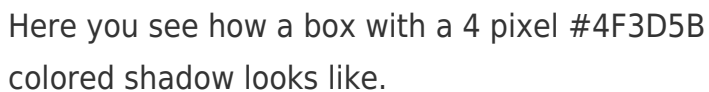
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F3D5B }
```

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

```
.border{ border-color:#4F3D5B }
```

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



Here you see how a box with a 4 pixel #4F3D5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F3D5B; -webkit-box-shadow:4px 4px  
4px 4px #4F3D5B; box-shadow:4px 4px 4px  
4px #4F3D5B }
```

# Background

The CSS property to change the background color of an element to Hex 4F3D5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F3D5B }
```

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

```
.background{ background-color:#4F3D5B }
```

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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