

# Converting Colors

Hex(4F183A)

Have a look what the booklet for  
Hex(4F183A) contains.

<b>Hex(4F183A)</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(4F183A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F183A
RGB	79, 24, 58
RGB Percent	31%, 9%, 23%
CMY	0.6902, 0.9059, 0.7725
CMYK	0.00, 0.70, 0.27, 0.69
HSL	323°, 53%, 20%
HSV	323°, 70%, 31%
XYZ	4.3148, 2.6210, 4.2815
YIQ	44.3210, 21.8660, 22.2340

# Conversions

## Conversions Part 2

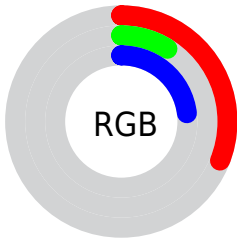
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 24, 58
Decimal	5183546
CIELab	18.46, 29.84, -8.60
CIElCh	18, 31.057, 343.922
Yxy	2.6210, 0.3847, 0.2337
Android (android.graphics.Color)	4283373626 (0xFF4F183A)
YUV	44.3210, 6.7437, 30.4135
Hunter-Lab	16.1896, 19.2416, -4.3471




# Details

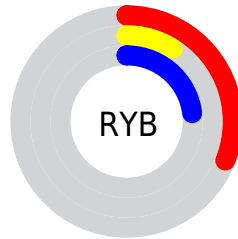
The Hex color **4F183A** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **184F2D**, and the grayscale version is **2C2C2C**.




A 20% lighter version of the original color is **824769**, and **22000F** is the 20% darker color. If you saturate the color by 10%, you get **4F1037**, and if you desaturate by 10%, it is **4F203D**.

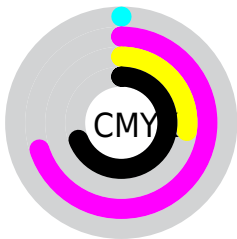
# Distribution







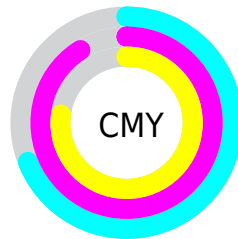
-  Red (31%)
-  Green (9%)
-  Blue (23%)






-  Red (31%)
-  Yellow (9%)
-  Blue (23%)



-  Cyan (0%)
-  Magenta (70%)
-  Yellow (27%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (91%)
-  Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F183A 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 4F183A by changing the saturation by 10% instead.



 4F183A

 4F183A

FFFFFF

 370024

 824769

 22000F

 9D6082

 000000

 B9799C

 D594B7

 F2AFD3

 FFCAEF

 FFE7FF

 4F183A

 4F183A

■ 4F1037

■ 4F203D

■ 4F0834

■ 4F2840

■ 4F0031

■ 4F3043

■ 4F3846

■ 4F4049

■ 4F474C

■ 4F4F4F

■ 4F5752

■ 4F5F55

# Harmonies

## Analogous

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



3B224E



4F183A



551624

# Triad

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



4F183A



2F2F00



00364C

# Complementary

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



4F183A



184F2D

# 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.



003737



4F183A



143408

# Square

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



4F183A



422700



003720



003358

# Rectangle

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



4F183A



521A15



003720



003746



# Sweetspot

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



4F183A



66515E



2C184F



33262E



B3B3B3



333333



# Same Dimension

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



4F183A



661045



4F181F



262225



66003F



E6008E



# Inverse Universe

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



4F183A



661045



184F48



262225



66003F

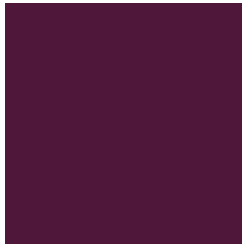


E6008E



# Previews

## White Background



This preview shows how the Hex color 4F183A looks on a white background.

## Color Contrast Check

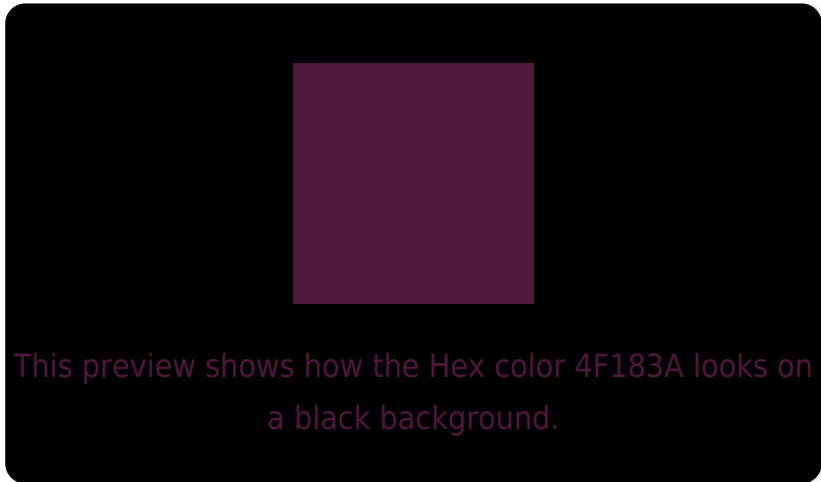
Large Text (above 18pt) WCAG AA ✓ Pass

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

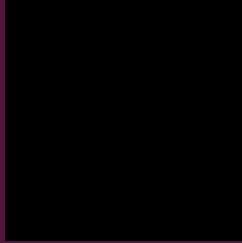
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F183A Background



This preview shows how black text looks on a background with the Hex color 4F183A.



This preview shows how white text looks on a background with the Hex color 4F183A.

# 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**  
4F183A

**Protanopia**  
242D4A

**Deuteranopia**  
2F2D37



**Tritanopia**  
4D1F21

# Trichromacy



**Original Color**  
4F183A

**Protanomaly**  
342544

**Deuteranomaly**  
3B2538

**Tritanomaly**  
4E1C2A

# Monochromacy



**Original Color**  
4F183A

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
392531

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F183A 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 #4F183A looks like.

```
.text, #text, p{  
    color:#4F183A  
}
```

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 #4F183A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F183A
}
```

## Border

The CSS property to change the border of an element to Hex 4F183A 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".

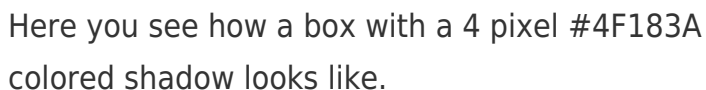
```
.border, #border, table{ border:4px solid
#4F183A }
```

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

```
.border{ border-color:#4F183A }
```

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

Here you see how a box with a 4 pixel #4F183A colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F183A; -webkit-box-shadow:4px 4px  
4px 4px #4F183A; box-shadow:4px 4px 4px  
4px #4F183A }
```

# Background

The CSS property to change the background color of an element to Hex 4F183A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F183A }
```

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

```
.background{ background-color:#4F183A }
```

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