

Converting Colors

Hex(4F1A3D)

Have a look what the booklet for
Hex(4F1A3D) contains.

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Color

Hex(4F1A3D)

Conversions

Conversions Part 1

Format	Color
Hex	4F1A3D
RGB	79, 26, 61
RGB Percent	31%, 10%, 24%
CMY	0.6902, 0.8980, 0.7608
CMYK	0.00, 0.67, 0.23, 0.69
HSL	320°, 50%, 21%
HSV	320°, 67%, 31%
XYZ	4.4361, 2.7380, 4.7095
YIQ	45.8370, 20.3530, 22.1210

Conversions

Conversions Part 2

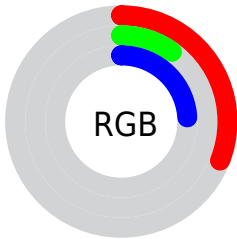
Format	Color
R_{YB}	79, 26, 61
Decimal	5184061
CIE Lab	18.96, 29.32, -9.93
CIE LCh	19, 30.956, 341.299
Yxy	2.7380, 0.3733, 0.2304
Android (android.graphics.Color)	4283374141 (0xFF4F1A3D)
YUV	45.8370, 7.4754, 29.0840
Hunter-Lab	16.5468, 18.8983, -5.2923




Details

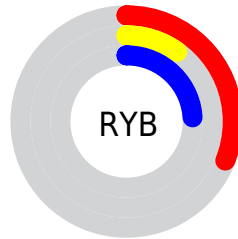
The Hex color **4F1A3D** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1A4F2C**, and the grayscale version is **2E2E2E**.




A 20% lighter version of the original color is **82496C**, and **230013** is the 20% darker color. If you saturate the color by 10%, you get **4F123A**, and if you desaturate by 10%, it is **4F2240**.

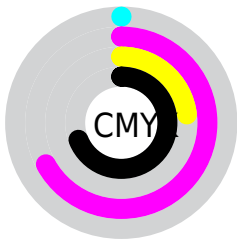
Distribution







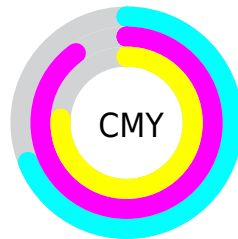
-  Red (31%)
-  Green (10%)
-  Blue (24%)






-  Red (31%)
-  Yellow (10%)
-  Blue (24%)



-  Cyan (0%)
-  Magenta (67%)
-  Yellow (23%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (90%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F1A3D 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 4F1A3D by changing the saturation by 10% instead.

■ 4F1A3D

■ 4F1A3D

FFFFFF

■ 370227

■ 82496C

■ 230013

■ 9D6286

■ 000000

■ B87BA0

■ D495BB

■ F1B1D7

■ FFCCF3

■ FFE9FF

■ 4F1A3D

■ 4F1A3D

■ 4F123A

■ 4F2240

■ 4F0A38

■ 4F2A42

■ 4F0235

■ 4F3245

■ 4F0034

■ 4F3A48

■ 4F424A

■ 4F494D

■ 4F5150

■ 4F5952

■ 4F6155

Harmonies

Analogous

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



3A2450



4F1A3D



561727

Triad

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



4F1A3D



323000



00384B

Complementary

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



4F1A3D



1A4F2C

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.



003836



4F1A3D



183508

Square

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



4F1A3D



452800



00381F



003459

Rectangle

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



4F1A3D



541B18



00381F



003845

Sweetspot

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



4F1A3D



66525F



2C1A4F



33272F



B3B3B3



333333

Same Dimension

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



4F1A3D



66134A



4F1A23



262225



660043



E60098

Inverse Universe

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



4F1A3D



66134A



1A4F46



262225



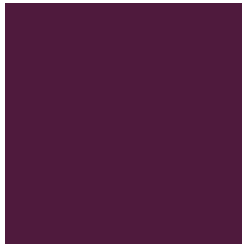
660043



E60098

Previews

White Background



This preview shows how the Hex color 4F1A3D looks on a white background.

Color Contrast Check

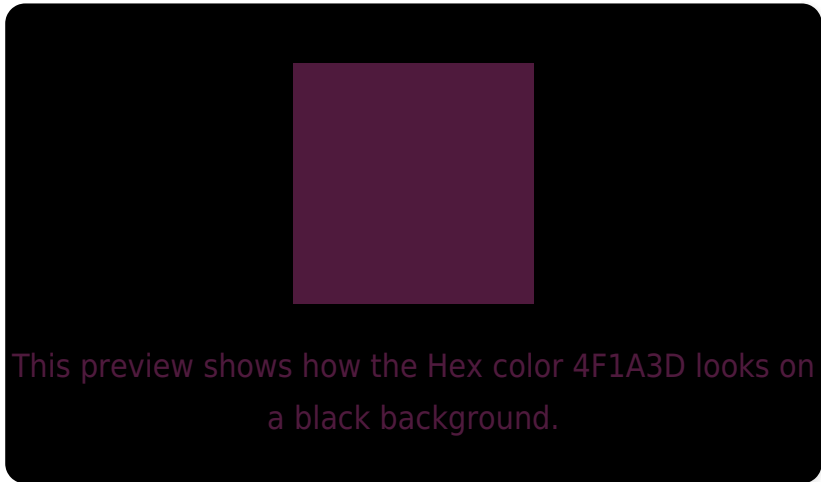
Large Text (above 18pt) WCAG AA ✓ Pass

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

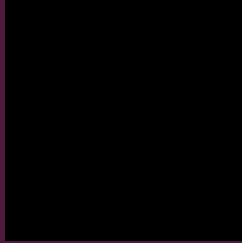
Any Text WCAG AA × Fail

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 4F1A3D Background



This preview shows how black text looks on a background with the Hex color 4F1A3D.



This preview shows how white text looks on a background with the Hex color 4F1A3D.

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
4F1A3D

Protanopia
232E4D

Deuteranopia
2F2E3A



Tritanopia
4D2123

Trichromacy



Original Color
4F1A3D

Protanomaly
332747

Deuteranomaly
3B273B

Tritanomaly
4E1E2C

Monochromacy



Original Color
4F1A3D

Achromatopsia
2E2E2E

Achromatomaly
3A2733

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F1A3D 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 #4F1A3D looks like.

```
.text, #text, p{  
    color:#4F1A3D  
}
```

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 #4F1A3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F1A3D
}
```

Border

The CSS property to change the border of an element to Hex 4F1A3D 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".

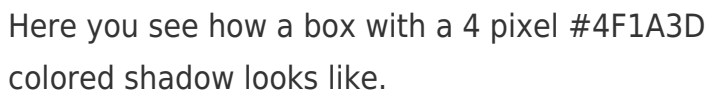
```
.border, #border, table{ border:4px solid
#4F1A3D }
```

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

```
.border{ border-color:#4F1A3D }
```

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

Here you see how a box with a 4 pixel #4F1A3D 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 #4F1A3D; -webkit-box-shadow:4px 4px  
4px 4px #4F1A3D; box-shadow:4px 4px 4px  
4px #4F1A3D }
```

Background

The CSS property to change the background color of an element to Hex 4F1A3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F1A3D }
```

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

```
.background{ background-color:#4F1A3D }
```

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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