

Converting Colors

Hex(4F0F46)

Have a look what the booklet for
Hex(4F0F46) contains.

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Color

Hex(4F0F46)

Conversions

Conversions Part 1

Format	Color
Hex	4F0F46
RGB	79, 15, 70
RGB Percent	31%, 6%, 27%
CMY	0.6902, 0.9412, 0.7255
CMYK	0.00, 0.81, 0.11, 0.69
HSL	308°, 68%, 18%
HSV	308°, 81%, 31%
XYZ	4.5008, 2.4461, 6.0293
YIQ	40.4060, 20.4890, 30.6730

Conversions

Conversions Part 2

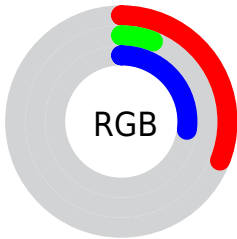
Format	Color
RYB	79, 15, 70
Decimal	5181254
CIELab	17.67, 35.75, -18.17
CIELCh	18, 40.104, 333.052
Yxy	2.4461, 0.3468, 0.1885
Android (android.graphics.Color)	4283371334 (0xFF4F0F46)
YUV	40.4060, 14.5898, 33.8469
Hunter-Lab	15.6400, 23.9972, -11.9084

Details

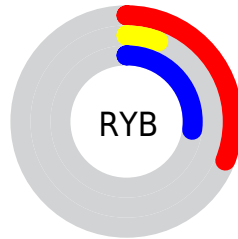
The Hex color **4F0F46** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0F4F18**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **834177**, and **21001B** is the 20% darker color. If you saturate the color by 10%, you get **4F0745**, and if you desaturate by 10%, it is **4F1747**.

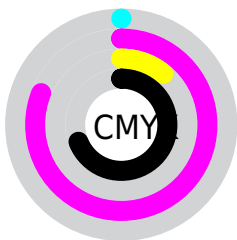
Distribution



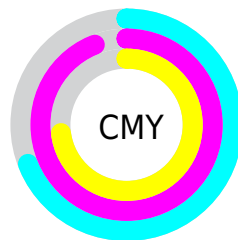
- Red (31%)
- Green (6%)
- Blue (27%)



- Red (31%)
- Yellow (6%)
- Blue (27%)



- Cyan (0%)
- Magenta (81%)
- Yellow (11%)
- Black (69%)



- Cyan (69%)
- Magenta (94%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F0F46 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 4F0F46 by changing the saturation by 10% instead.

■ 4F0F46

■ 4F0F46

FFFEFF

■ 36002F

■ 834177

■ 21001B

■ 9D5A90

■ 000000

■ B973AB

■ D58EC6

■ F2A9E2

■ FFC4FF

■ FFE1FF

■ 4F0F46

■ 4F0F46

■ 4F0745

■ 4F1747

■ 4F0044

■ 4F1F48

■ 4F2749

■ 4F2F4A

■ 4F364C

■ 4F3E4D

■ 4F464E

■ 4F4E4F

■ 4F5650

Harmonies

Analogous

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



2C225C



4F0F46



5C002A

Triad

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



4F0F46



342B00



00374A

Complementary

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



4F0F46



0F4F18

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.



00372E



4F0F46



173200

Square

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



4F0F46



4B1F00



00360F



00355F

Rectangle

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



4F0F46



5C0617



00360F



003741

Sweetspot

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



4F0F46



664E63



180F4F



332431



B3B3B3



333333

Same Dimension

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



4F0F46



660358



4F0F26



262226



660058



E600C5

Inverse Universe

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



4F0F46



660358



0F4F38



262226



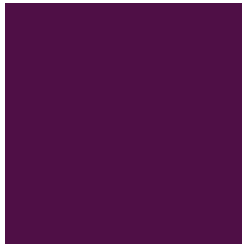
660058



E600C5

Previews

White Background



This preview shows how the Hex color 4F0F46 looks on a white background.

Color Contrast Check

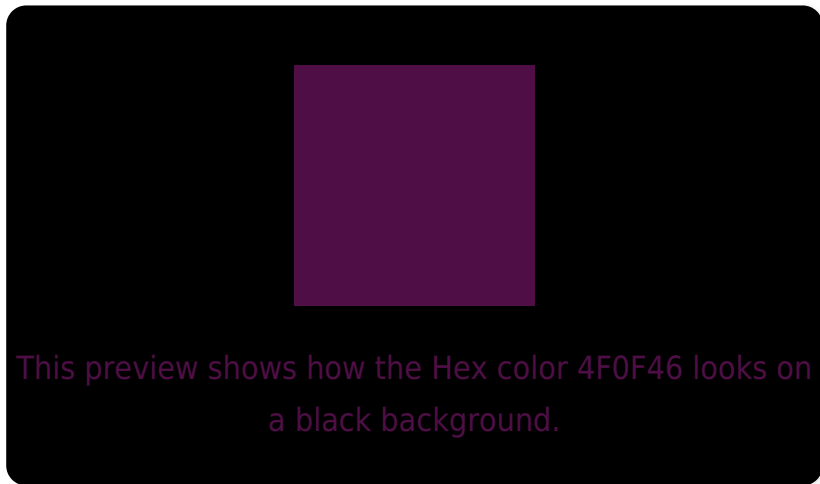
Large Text (above 18pt) WCAG AA ✓ Pass

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

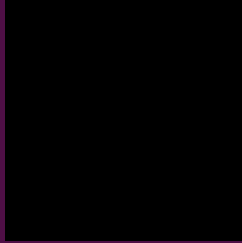
Any Text WCAG AA × Fail

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 4F0F46 Background



This preview shows how black text looks on a background with the Hex color 4F0F46.



This preview shows how white text looks on a background with the Hex color 4F0F46.

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
4F0F46

Protanopia
002C5D

Deuteranopia
252D42



Tritanopia
4B1E20

Trichromacy



Original Color
4F0F46

Protanomaly
1D2155

Deuteranomaly
342243

Tritanomaly
4C192E

Monochromacy



Original Color
4F0F46

Achromatopsia
282828

Achromatomaly
361F33

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F0F46 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 #4F0F46 looks like.

```
.text, #text, p{  
    color:#4F0F46  
}
```

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 #4F0F46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F0F46
}
```

Border

The CSS property to change the border of an element to Hex 4F0F46 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".

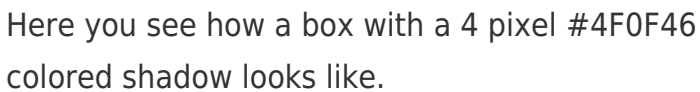
```
.border, #border, table{ border:4px solid
#4F0F46 }
```

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

```
.border{ border-color:#4F0F46 }
```

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

Here you see how a box with a 4 pixel #4F0F46 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F0F46; -webkit-box-shadow:4px 4px  
4px 4px #4F0F46; box-shadow:4px 4px 4px  
4px #4F0F46 }
```

Background

The CSS property to change the background color of an element to Hex 4F0F46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F0F46 }
```

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

```
.background{ background-color:#4F0F46 }
```

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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