

Converting Colors

Hex(4F2B46)

Have a look what the booklet for
Hex(4F2B46) contains.

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Color

Hex(4F2B46)

Conversions

Conversions Part 1

Format	Color
Hex	4F2B46
RGB	79, 43, 70
RGB Percent	31%, 17%, 27%
CMY	0.6902, 0.8314, 0.7255
CMYK	0.00, 0.46, 0.11, 0.69
HSL	315°, 30%, 24%
HSV	315°, 46%, 31%
XYZ	5.1938, 3.8322, 6.2603
YIQ	56.8420, 12.7890, 16.0290

Conversions

Conversions Part 2

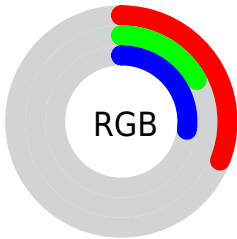
Format	Color
R_YB	79, 43, 70
Decimal	5188422
CIE Lab	23.11, 21.16, -9.76
CIE LCh	23, 23.308, 335.236
Yxy	3.8322, 0.3398, 0.2507
Android (android.graphics.Color)	4283378502 (0xFF4F2B46)
YUV	56.8420, 6.4869, 19.4326
Hunter-Lab	19.5760, 13.1006, -5.2573

Details

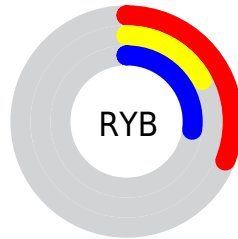
The Hex color **4F2B46** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2B4F34**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **815A76**, and **23001B** is the 20% darker color. If you saturate the color by 10%, you get **4F2344**, and if you desaturate by 10%, it is **4F3348**.

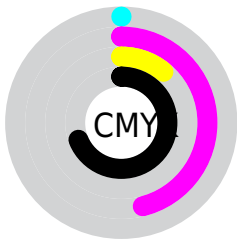
Distribution



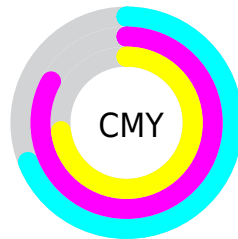
- Red (31%)
- Green (17%)
- Blue (27%)



- Red (31%)
- Yellow (17%)
- Blue (27%)



- Cyan (0%)
- Magenta (46%)
- Yellow (11%)
- Black (69%)



- Cyan (69%)
- Magenta (83%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F2B46 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 4F2B46 by changing the saturation by 10% instead.

 4F2B46

 4F2B46

FFFFFF

 371530

 815A76

 23001B

 9B7290

 000000

 B78CAA

 D2A7C6

 EFC2E2

 FFDEFE

 FFFBFF

 4F2B46

 4F2B46

■ 4F2344

■ 4F3348

■ 4F1B42

■ 4F3B4A

■ 4F1340

■ 4F434C

■ 4F0B3E

■ 4F4B4E

■ 4F043C

■ 4F5350

■ 4F003B

■ 4F5A52

■ 4F6254

■ 4F6A56

■ 4F7258

Harmonies

Analogous

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



3C3154



4F2B46



572835

Triad

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



4F2B46



3E3713



003F4B

Complementary

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



4F2B46



2B4F34

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.



00403A



4F2B46



2C3C1A

Square

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



4F2B46



4D3117



143F28



003D56

Rectangle

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



4F2B46



572A29



143F28



004045

Sweetspot

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



4F2B46



665862



342B4F



332A31



B3B3B3



333333

Same Dimension

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



4F2B46



662E58



4F2B34



262225



66004D



E600AC

Inverse Universe

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



4F2B46



662E58



2B4F46



262225



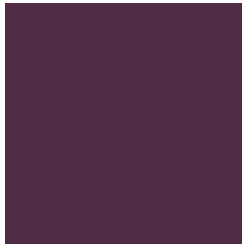
66004D



E600AC

Previews

White Background



This preview shows how the Hex color 4F2B46 looks on a white background.

Color Contrast Check

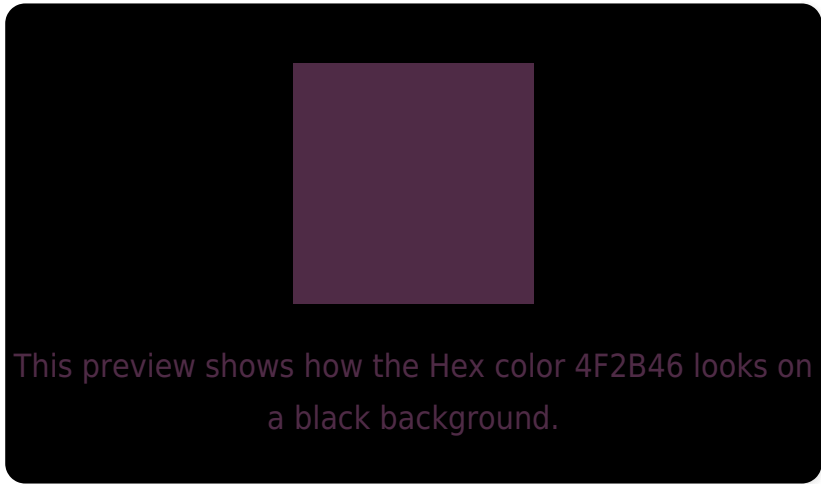
Large Text (above 18pt) WCAG AA ✓ Pass

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

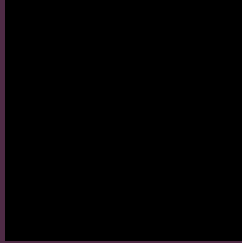
Any Text WCAG AA × Fail

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 4F2B46 Background



This preview shows how black text looks on a background with the Hex color 4F2B46.



This preview shows how white text looks on a background with the Hex color 4F2B46.

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
4F2B46

Protanopia
30374F

Deuteranopia
373644



Tritanopia
4D2F33

Trichromacy



Original Color

4F2B46

Protanomaly

3B334C

Deuteranomaly

403245

Tritanomaly

4E2E3A

Monochromacy



Original Color

4F2B46

Achromatopsia

393939

Achromatomaly

41343E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F2B46 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 #4F2B46 looks like.

```
.text, #text, p{  
    color:#4F2B46  
}
```

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 #4F2B46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F2B46
}
```

Border

The CSS property to change the border of an element to Hex 4F2B46 is called "border". The border property can be set on classes, ids or directly on the HTML element.

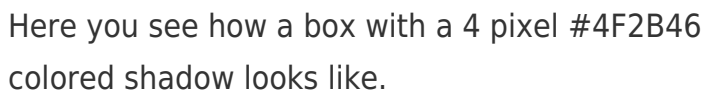
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F2B46 }
```

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

```
.border{ border-color:#4F2B46 }
```

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



Here you see how a box with a 4 pixel #4F2B46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F2B46; -webkit-box-shadow:4px 4px  
4px 4px #4F2B46; box-shadow:4px 4px 4px  
4px #4F2B46 }
```

Background

The CSS property to change the background color of an element to Hex 4F2B46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F2B46 }
```

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

```
.background{ background-color:#4F2B46 }
```

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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