

Converting Colors

Hex(4F296B)

Have a look what the booklet for
Hex(4F296B) contains.

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Color

Hex(4F296B)

Conversions

Conversions Part 1

Format	Color
Hex	4F296B
RGB	79, 41, 107
RGB Percent	31%, 16%, 42%
CMY	0.6902, 0.8392, 0.5804
CMYK	0.26, 0.62, 0.00, 0.58
HSL	275°, 45%, 29%
HSV	275°, 62%, 42%
XYZ	6.6712, 4.3097, 14.3902
YIQ	59.8860, 1.4620, 28.5820

Conversions

Conversions Part 2

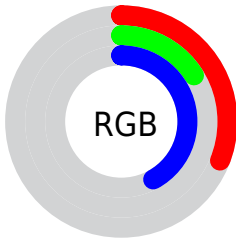
Format	Color
R_{YB}	79, 41, 107
Decimal	5187947
CIE _{Lab}	24.67, 30.95, -31.75
CIE _{LCh}	25, 44.341, 314.264
Yxy	4.3097, 0.2629, 0.1699
Android (android.graphics.Color)	4283378027 (0xFF4F296B)
YUV	59.8860, 23.2272, 16.7630
Hunter-Lab	20.7598, 21.0321, -26.5665

Details

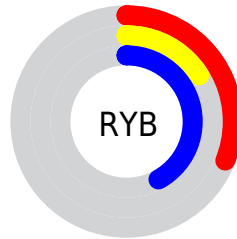
The Hex color **4F296B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **456B29**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **82589F**, and **1F003B** is the 20% darker color. If you saturate the color by 10%, you get **4A1E6B**, and if you desaturate by 10%, it is **54346B**.

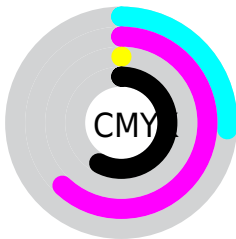
Distribution



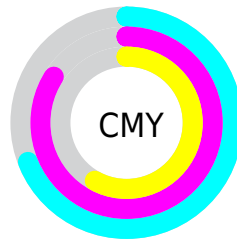
- Red (31%)
- Green (16%)
- Blue (42%)



- Red (31%)
- Yellow (16%)
- Blue (42%)



- Cyan (26%)
- Magenta (62%)
- Yellow (0%)
- Black (58%)



- Cyan (69%)
- Magenta (84%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F296B 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 4F296B by changing the saturation by 10% instead.



4F296B



4F296B

FFFFFF



361252



82589F



1F003B



9D71BA



000025



B98BD6



00010D



D5A6F2



000000



F1C1FF



FFDDFF



FFFAFF



4F296B



4F296B

■ 4A1E6B

■ 54346B

■ 46146B

■ 583E6B

■ 41096B

■ 5D496B

■ 3E006B

■ 61546B

■ 665F6B

■ 6A696B

■ 6F746B

■ 737F6B

■ 78896B

Harmonies

Analogous

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



00397C



4F296B



6C154E

Triad

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



4F296B



573200



00494A

Complementary

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



4F296B



456B29

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.



004827



4F296B



3B3E00

Square

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



4F296B



6B220C



0D4501



004869

Rectangle

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



4F296B



740F37



0D4501



00493F

Sweetspot

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



4F296B



81728C



29466B



403747



C7C7C7



474747

Same Dimension

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



4F296B



60248C



6B2967



333036



440075



8D00F5

Inverse Universe

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



6B2945



8C2450



296B2D



363032



750032



F50068

Previews

White Background



This preview shows how the Hex color 4F296B looks on a white background.

Color Contrast Check

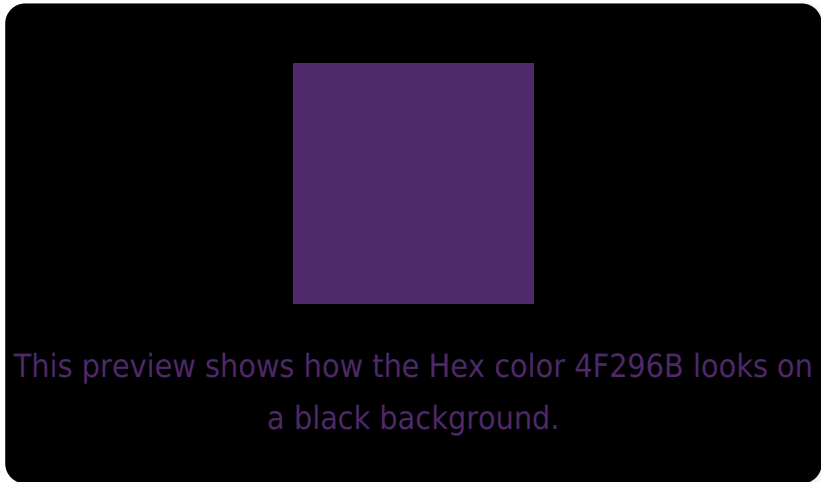
Large Text (above 18pt) WCAG AA ✓ Pass

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

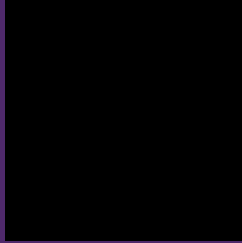
Any Text WCAG AA × Fail

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 4F296B Background



This preview shows how black text looks on a background with the Hex color 4F296B.



This preview shows how white text looks on a background with the Hex color 4F296B.

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
4F296B

Protanopia
003979

Deuteranopia
173C67



Tritanopia
47373B

Trichromacy



Original Color
4F296B

Protanomaly
1D3374

Deuteranomaly
2B3568

Tritanomaly
4A324C

Monochromacy



Original Color
4F296B

Achromatopsia
3C3C3C

Achromatomaly
43354D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F296B 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 #4F296B looks like.

```
.text, #text, p{  
    color:#4F296B  
}
```

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 #4F296B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F296B
}
```

Border

The CSS property to change the border of an element to Hex 4F296B is called "border". The border property can be set on classes, ids or directly on the HTML element.

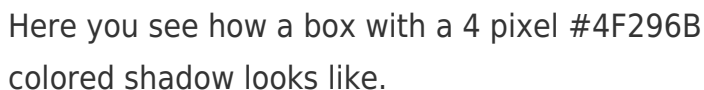
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F296B }
```

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

```
.border{ border-color:#4F296B }
```

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



Here you see how a box with a 4 pixel #4F296B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F296B; -webkit-box-shadow:4px 4px  
4px 4px #4F296B; box-shadow:4px 4px 4px  
4px #4F296B }
```

Background

The CSS property to change the background color of an element to Hex 4F296B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F296B }
```

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

```
.background{ background-color:#4F296B }
```

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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