

Converting Colors

Hex(4F2887)

Have a look what the booklet for
Hex(4F2887) contains.

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Color

Hex(4F2887)

Conversions

Conversions Part 1

Format	Color
Hex	4F2887
RGB	79, 40, 135
RGB Percent	31%, 16%, 53%
CMY	0.6902, 0.8431, 0.4706
CMYK	0.41, 0.70, 0.00, 0.47
HSL	265°, 54%, 34%
HSV	265°, 70%, 53%
XYZ	8.3564, 4.9291, 23.4327
YIQ	62.4910, -7.2510, 37.8130

Conversions

Conversions Part 2

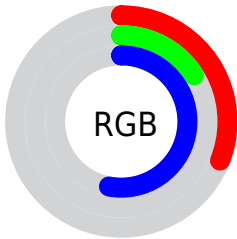
Format	Color
R_{YB}	79, 40, 135
Decimal	5187719
CIE _{Lab}	26.53, 39.00, -46.52
CIE _{LCh}	27, 60.709, 309.975
Yxy	4.9291, 0.2276, 0.1342
Android (android.graphics.Color)	4283377799 (0xFF4F2887)
YUV	62.4910, 35.7469, 14.4784
Hunter-Lab	22.2016, 28.3324, -47.0364

Details

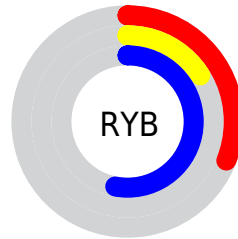
The Hex color **4F2887** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **608728**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **8558BD**, and **170054** is the 20% darker color. If you saturate the color by 10%, you get **471B87**, and if you desaturate by 10%, it is **573687**.

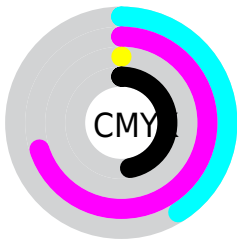
Distribution



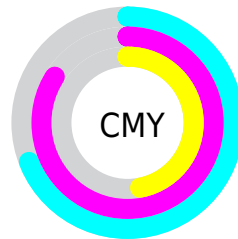
- Red (31%)
- Green (16%)
- Blue (53%)



- Red (31%)
- Yellow (16%)
- Blue (53%)



- Cyan (41%)
- Magenta (70%)
- Yellow (0%)
- Black (47%)



- Cyan (69%)
- Magenta (84%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F2887 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 4F2887 by changing the saturation by 10% instead.

■ 4F2887

■ 4F2887

FFFFFF

■ 34106D

■ 8558BD

■ 170054

■ A072D9

■ 00003C

■ BC8CF6

■ 000226

■ D9A6FF

■ 00010E

■ F6C2FF

■ 000000

■ FFDEFF

■ FFFBFF

■ 4F2887

■ 4F2887

■ 471B87

■ 573687

■ 3F0D87

■ 5F4387

■ 370087

■ 675187

■ 6F5E87

■ 776C87

■ 7F7987

■ 878787

■ 8F9487

■ 97A287

Harmonies

Analogous

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



00419C



4F2887



7E0060

Triad

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



4F2887



663000



00514E

Complementary

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



4F2887



608728

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.



004F1C



4F2887



404200

Square

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



4F2887



810B00



004B00



00517A

Rectangle

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



4F2887



8A0041



004B00



00503D

Sweetspot

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



4F2887



9A8BB0



286187



4C4359



D9D9D9



595959

Same Dimension

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



4F2887



591CB0



7E2887



3E3C42



350082



010003

Inverse Universe

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



872860



B01C73



328728



423C40



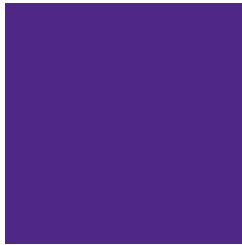
82004D



030002

Previews

White Background



This preview shows how the Hex color 4F2887 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

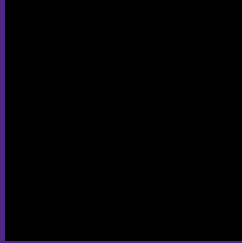
Any Text WCAG AA × Fail

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 4F2887 Background



This preview shows how black text looks on a background with the Hex color 4F2887.



This preview shows how white text looks on a background with the Hex color 4F2887.

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
4F2887

Protanopia
003D81

Deuteranopia
004170



Tritanopia
403F44

Trichromacy



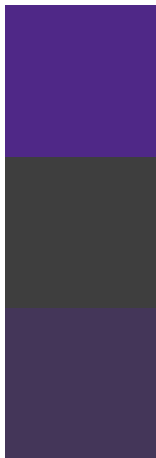
Original Color
4F2887

Protanomaly
1D3583

Deuteranomaly
1D3878

Tritanomaly
45375C

Monochromacy



Original Color
4F2887

Achromatopsia
3E3E3E

Achromatomaly
443659

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F2887 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 #4F2887 looks like.

```
.text, #text, p{  
    color:#4F2887  
}
```

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 #4F2887 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F2887
}
```

Border

The CSS property to change the border of an element to Hex 4F2887 is called "border". The border property can be set on classes, ids or directly on the HTML element.

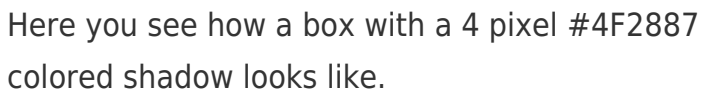
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F2887 }
```

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

```
.border{ border-color:#4F2887 }
```

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



Here you see how a box with a 4 pixel #4F2887 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F2887; -webkit-box-shadow:4px 4px  
4px 4px #4F2887; box-shadow:4px 4px 4px  
4px #4F2887 }
```

Background

The CSS property to change the background color of an element to Hex 4F2887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F2887 }
```

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

```
.background{ background-color:#4F2887 }
```

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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