

Converting Colors

Hex(4F2872)

Have a look what the booklet for
Hex(4F2872) contains.

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Color

Hex(4F2872)

Conversions

Conversions Part 1

Format	Color
Hex	4F2872
RGB	79, 40, 114
RGB Percent	31%, 16%, 45%
CMY	0.6902, 0.8431, 0.5529
CMYK	0.31, 0.65, 0.00, 0.55
HSL	272°, 48%, 30%
HSV	272°, 65%, 45%
XYZ	7.0205, 4.3948, 16.3978
YIQ	60.0970, -0.5100, 31.2820

Conversions

Conversions Part 2

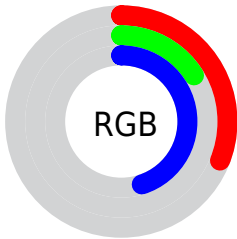
Format	Color
R_{YB}	79, 40, 114
Decimal	5187698
CIE _{Lab}	24.94, 33.34, -35.83
CIE _{LCh}	25, 48.942, 312.940
Yxy	4.3948, 0.2524, 0.1580
Android (android.graphics.Color)	4283377778 (0xFF4F2872)
YUV	60.0970, 26.5742, 16.5779
Hunter-Lab	20.9637, 23.0913, -31.7022

Details

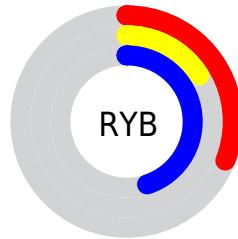
The Hex color **4F2872** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4B7228**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **8358A6**, and **1E0041** is the 20% darker color. If you saturate the color by 10%, you get **4A1D72**, and if you desaturate by 10%, it is **543372**.

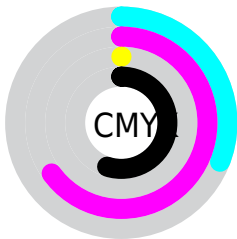
Distribution



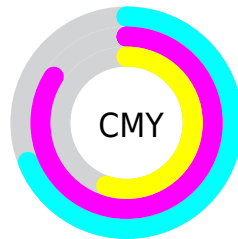
- Red (31%)
- Green (16%)
- Blue (45%)



- Red (31%)
- Yellow (16%)
- Blue (45%)



- Cyan (31%)
- Magenta (65%)
- Yellow (0%)
- Black (55%)



- Cyan (69%)
- Magenta (84%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F2872 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 4F2872 by changing the saturation by 10% instead.

 4F2872

 4F2872

FFFFFF

 361159

 8358A6

 1E0041

 9E71C2

 00002B

 B98BDE

 000115

 D6A5FB

 000000

 F3C1FF

 FFDDFF

 FFF9FF

 4F2872

 4F2872

■ 4A1D72

■ 543372

■ 441172

■ 5A3F72

■ 3F0672

■ 5F4A72

■ 3C0072

■ 655672

■ 6A6172

■ 6F6C72

■ 757872

■ 7A8372

■ 808F72

Harmonies

Analogous

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



003B84



4F2872



710D52

Triad

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



4F2872



5B3100



004B4B

Complementary

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



4F2872



4B7228

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.



004924



4F2872



3B3F00

Square

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



4F2872



711D07



074600



004A6D

Rectangle

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



4F2872



7A0039



074600



004A3E

Sweetspot

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



4F2872



877894



284C72



42394A



C9C9C9



4A4A4A

Same Dimension

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



4F2872



5D2194



722871



353238



3F0078



8200F7

Inverse Universe

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



72284B



942157



287229



383235



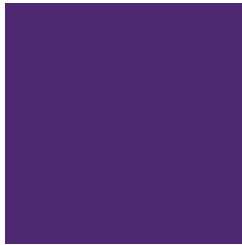
780039



F70075

Previews

White Background



This preview shows how the Hex color 4F2872 looks on a white background.

Color Contrast Check

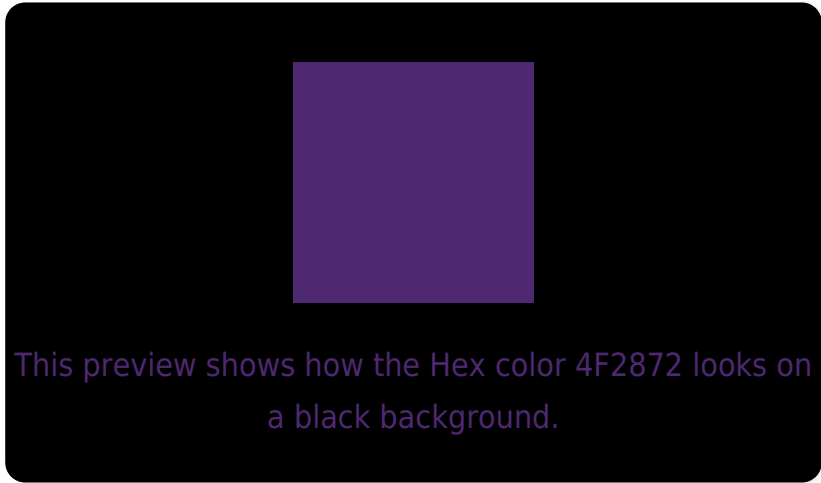
Large Text (above 18pt) WCAG AA ✓ Pass

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

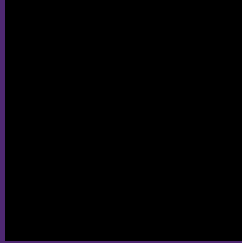
Any Text WCAG AA × Fail

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 4F2872 Background



This preview shows how black text looks on a background with the Hex color 4F2872.

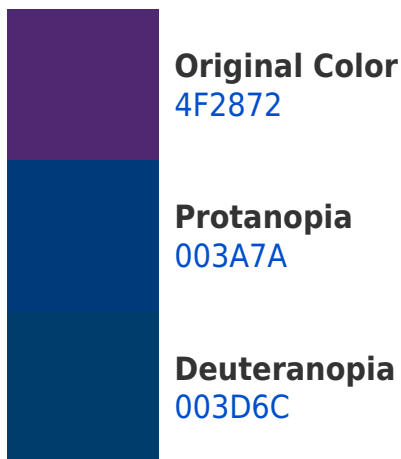


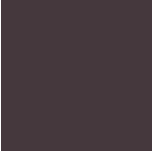
This preview shows how white text looks on a background with the Hex color 4F2872.

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





Tritanopia
45383D

Trichromacy



Original Color
4F2872

Protanomaly
1D3377

Deuteranomaly
1D356E

Tritanomaly
493250

Monochromacy



Original Color
4F2872

Achromatopsia
3C3C3C

Achromatomaly
433550

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F2872 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 #4F2872 looks like.

```
.text, #text, p{  
    color:#4F2872  
}
```

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 #4F2872 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F2872
}
```

Border

The CSS property to change the border of an element to Hex 4F2872 is called "border". The border property can be set on classes, ids or directly on the HTML element.

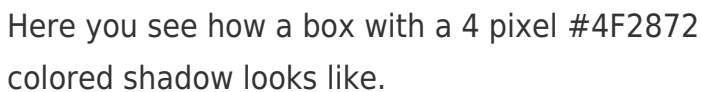
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F2872 }
```

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

```
.border{ border-color:#4F2872 }
```

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



Here you see how a box with a 4 pixel #4F2872 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F2872; -webkit-box-shadow:4px 4px  
4px 4px #4F2872; box-shadow:4px 4px 4px  
4px #4F2872 }
```

Background

The CSS property to change the background color of an element to Hex 4F2872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F2872 }
```

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

```
.background{ background-color:#4F2872 }
```

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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