

Converting Colors

Hex(4D224F)

Have a look what the booklet for
Hex(4D224F) contains.

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Color

Hex(4D224F)

Conversions

Conversions Part 1

Format	Color
Hex	4D224F
RGB	77, 34, 79
RGB Percent	30%, 13%, 31%
CMY	0.6980, 0.8667, 0.6902
CMYK	0.03, 0.57, 0.00, 0.69
HSL	297°, 40%, 22%
HSV	297°, 57%, 31%
XYZ	5.0439, 3.2863, 7.7656
YIQ	51.9870, 11.1830, 23.1110

Conversions

Conversions Part 2

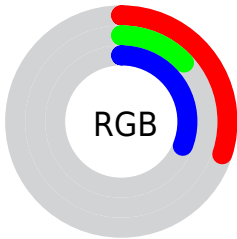
Format	Color
R_YB	77, 34, 79
Decimal	5055055
CIE Lab	21.16, 27.74, -18.88
CIE LCh	21, 33.553, 325.761
Yxy	3.2863, 0.3134, 0.2042
Android (android.graphics.Color)	4283245135 (0xFF4D224F)
YUV	51.9870, 13.3174, 21.9364
Hunter-Lab	18.1283, 17.9400, -12.7083

Details

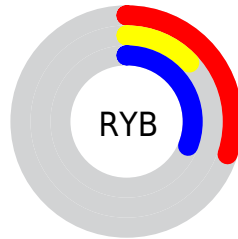
The Hex color **4D224F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **244F22**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **7F5180**, and **220023** is the 20% darker color. If you saturate the color by 10%, you get **4D1A4F**, and if you desaturate by 10%, it is **4D2A4F**.

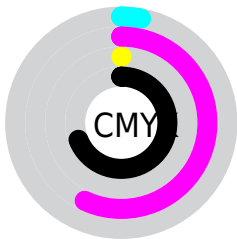
Distribution



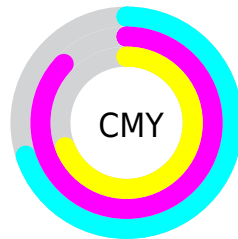
- Red (30%)
- Green (13%)
- Blue (31%)



- Red (30%)
- Yellow (13%)
- Blue (31%)



- Cyan (3%)
- Magenta (57%)
- Yellow (0%)
- Black (69%)



- Cyan (70%)
- Magenta (87%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D224F 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 4D224F by changing the saturation by 10% instead.



4D224F



4D224F

FFFFFF



350B38



7F5180



220023



9A699A



000009



B583B5



000000



D19DD1



EEB9ED



FFD4FF



FFF1FF



4D224F



4D224F

■ 4D1A4F

■ 4D2A4F

■ 4C124F

■ 4E324F

■ 4C0A4F

■ 4E3A4F

■ 4C024F

■ 4E424F

■ 4B004F

■ 4F4A4F

■ 4F514F

■ 4F594F

■ 50614F

■ 50694F

Harmonies

Analogous

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



2B2E60



4D224F



5D1937

Triad

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



4D224F



423000



003E48

Complementary

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



4D224F



244F22

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.



003E2E



4D224F



2A3800

Square

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



4D224F



542607



013C15



003C5B

Rectangle

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



4D224F



5F1A27



013C15



003E40

Sweetspot

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



4D224F



655566



22244F



332933



B3B3B3



333333

Same Dimension

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



4D224F



632166



4F223B



262226



610066



DB00E6

Inverse Universe

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



4F2224



662124



224F36



262223



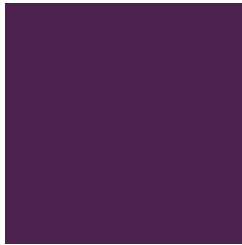
660005



E6000A

Previews

White Background



This preview shows how the Hex color 4D224F looks on a white background.

Color Contrast Check

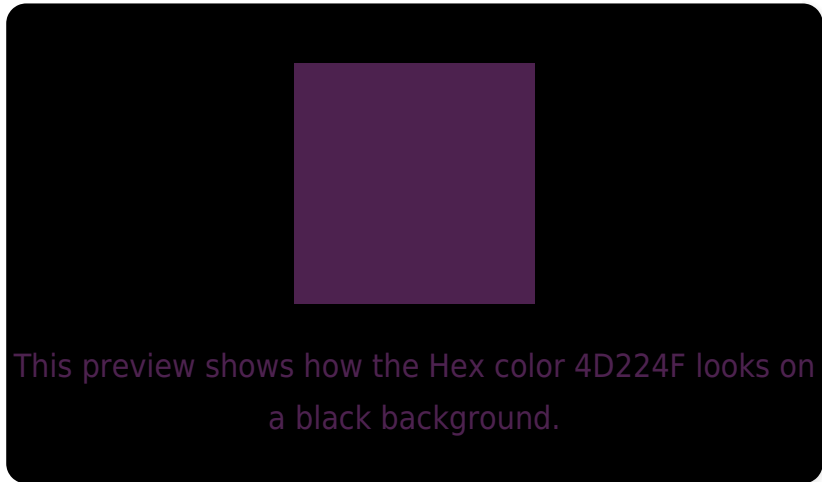
Large Text (above 18pt) WCAG AA ✓ Pass

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

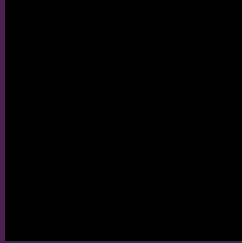
Any Text WCAG AA × Fail

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 4D224F Background



This preview shows how black text looks on a background with the Hex color 4D224F.



This preview shows how white text looks on a background with the Hex color 4D224F.

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
4D224F

Protanopia
1E325E

Deuteranopia
29334C



Tritanopia
492B2E

Trichromacy



Original Color
4D224F

Protanomaly
2F2C59

Deuteranomaly
362D4D

Tritanomaly
4A283A

Monochromacy



Original Color
4D224F

Achromatopsia
343434

Achromatomaly
3D2D3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D224F 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 #4D224F looks like.

```
.text, #text, p{  
    color:#4D224F  
}
```

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 #4D224F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D224F
}
```

Border

The CSS property to change the border of an element to Hex 4D224F is called "border". The border property can be set on classes, ids or directly on the HTML element.

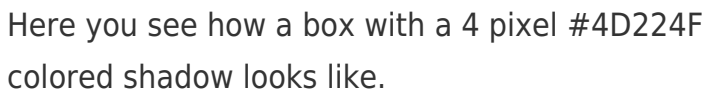
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D224F }
```

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

```
.border{ border-color:#4D224F }
```

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



Here you see how a box with a 4 pixel #4D224F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D224F; -webkit-box-shadow:4px 4px  
4px 4px #4D224F; box-shadow:4px 4px 4px  
4px #4D224F }
```

Background

The CSS property to change the background color of an element to Hex 4D224F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D224F }
```

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

```
.background{ background-color:#4D224F }
```

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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