

Converting Colors

Hex(4D2A62)

Have a look what the booklet for
Hex(4D2A62) contains.

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Color

Hex(4D2A62)

Conversions

Conversions Part 1

Format	Color
Hex	4D2A62
RGB	77, 42, 98
RGB Percent	30%, 16%, 38%
CMY	0.6980, 0.8353, 0.6157
CMYK	0.21, 0.57, 0.00, 0.62
HSL	278°, 40%, 27%
HSV	278°, 57%, 38%
XYZ	6.0931, 4.1156, 12.0285
YIQ	58.8490, 2.8840, 24.8360

Conversions

Conversions Part 2

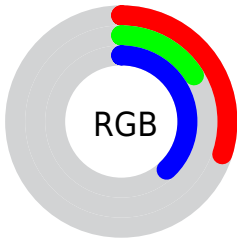
Format	Color
R_{YB}	77, 42, 98
Decimal	5057122
CIE _{Lab}	24.05, 27.48, -26.91
CIE _{LCh}	24, 38.466, 315.599
Yxy	4.1156, 0.2740, 0.1851
Android (android.graphics.Color)	4283247202 (0xFF4D2A62)
YUV	58.8490, 19.3014, 15.9184
Hunter-Lab	20.2868, 18.1105, -20.9536

Details

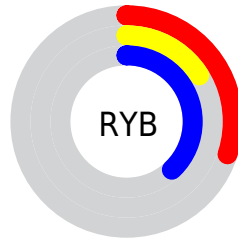
The Hex color **4D2A62** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3F622A**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **805995**, and **1F0033** is the 20% darker color. If you saturate the color by 10%, you get **492062**, and if you desaturate by 10%, it is **513462**.

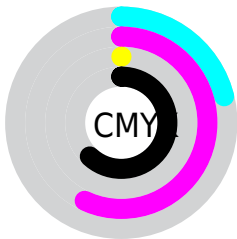
Distribution



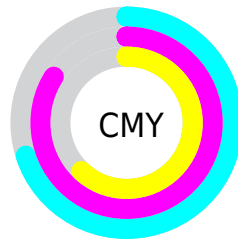
- Red (30%)
- Green (16%)
- Blue (38%)



- Red (30%)
- Yellow (16%)
- Blue (38%)



- Cyan (21%)
- Magenta (57%)
- Yellow (0%)
- Black (62%)



- Cyan (70%)
- Magenta (84%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D2A62 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 4D2A62 by changing the saturation by 10% instead.



4D2A62



4D2A62

FFFFFF



35144A



805995



1F0033



9A72B0



00001D



B58CCB



000000



D1A6E8



EEC2FF



FFDEFF



FFFAFF



4D2A62



4D2A62

■ 492062

■ 513462

■ 461662

■ 543E62

■ 420D62

■ 584762

■ 3E0362

■ 5C5162

■ 3D0062

■ 5F5B62

■ 636562

■ 676F62

■ 6A7862

■ 6E8262

Harmonies

Analogous

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



133771



4D2A62



661C48

Triad

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



4D2A62



523300



004648

Complementary

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



4D2A62



3F622A

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.



00452A



4D2A62



393C00

Square

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



4D2A62



642610



14420C



004562

Rectangle

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



4D2A62



6C1935



14420C



00463E

Sweetspot

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



4D2A62



776A80



2A3F62



3B3340



BFBFBF



404040

Same Dimension

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



4D2A62



5F2880



622A5B



2F2C30



460070



9600F0

Inverse Universe

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



622A3F



802849



2A6231



302C2D



70002A



F0005A

Previews

White Background



This preview shows how the Hex color 4D2A62 looks on a white background.

Color Contrast Check

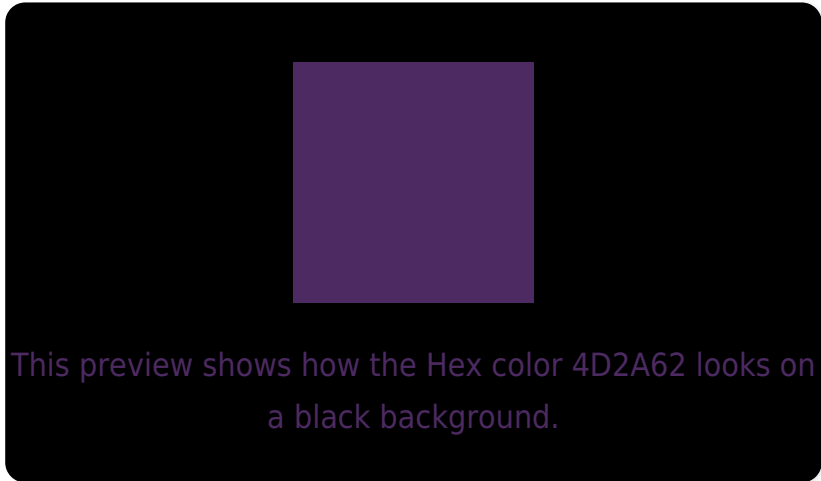
Large Text (above 18pt) WCAG AA ✓ Pass

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

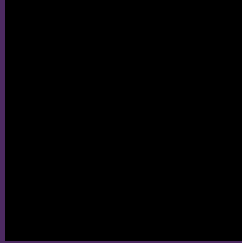
Any Text WCAG AA × Fail

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 4D2A62 Background



This preview shows how black text looks on a background with the Hex color 4D2A62.



This preview shows how white text looks on a background with the Hex color 4D2A62.

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](#).

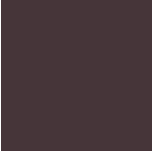
Dichromacy



Original Color
4D2A62

Protanopia
193870

Deuteranopia
223A5F



Tritanopia
463539

Trichromacy



Original Color
4D2A62

Protanomaly
2C336B

Deuteranomaly
323460

Tritanomaly
493148

Monochromacy



Original Color
4D2A62

Achromatopsia
3B3B3B

Achromatomaly
423549

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D2A62 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 #4D2A62 looks like.

```
.text, #text, p{  
    color:#4D2A62  
}
```

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 #4D2A62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D2A62
}
```

Border

The CSS property to change the border of an element to Hex 4D2A62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

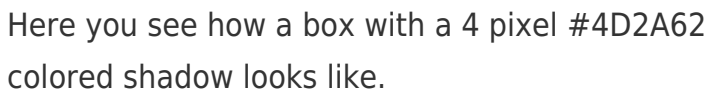
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D2A62 }
```

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

```
.border{ border-color:#4D2A62 }
```

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



Here you see how a box with a 4 pixel #4D2A62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D2A62; -webkit-box-shadow:4px 4px  
4px 4px #4D2A62; box-shadow:4px 4px 4px  
4px #4D2A62 }
```

Background

The CSS property to change the background color of an element to Hex 4D2A62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D2A62 }
```

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

```
.background{ background-color:#4D2A62 }
```

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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