

# Converting Colors

Hex(4D4282)

Have a look what the booklet for  
Hex(4D4282) contains.

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# Color

Hex(4D4282)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D4282
RGB	77, 66, 130
RGB Percent	30%, 26%, 51%
CMY	0.6980, 0.7412, 0.4902
CMYK	0.41, 0.49, 0.00, 0.49
HSL	250°, 33%, 38%
HSV	250°, 49%, 51%
XYZ	9.0380, 7.0859, 22.0105
YIQ	76.5850, -13.9880, 22.2360

# Conversions

## Conversions Part 2

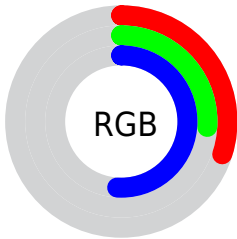
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	77, 66, 130
Decimal	5063298
CIE <sub>Lab</sub>	32.00, 21.31, -34.62
CIE <sub>LCh</sub>	32, 40.652, 301.621
Yxy	7.0859, 0.2370, 0.1858
Android (android.graphics.Color)	4283253378 (0xFF4D4282)
YUV	76.5850, 26.3336, 0.3640
Hunter-Lab	26.6194, 14.0220, -30.3909

# Details

The Hex color **4D4282** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **778242**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **8172B7**, and **1A1750** is the 20% darker color. If you saturate the color by 10%, you get **423582**, and if you desaturate by 10%, it is **584F82**.

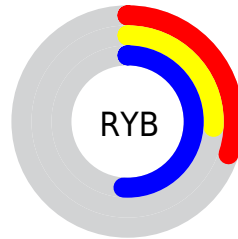
# Distribution



Red (30%)

Green (26%)

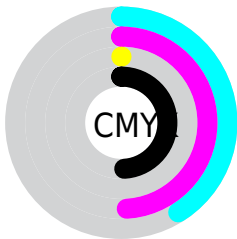
Blue (51%)



Red (30%)

Yellow (26%)

Blue (51%)

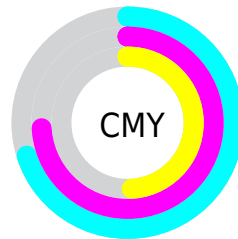


Cyan (41%)

Magenta (49%)

Yellow (0%)

Black (49%)



Cyan (70%)

Magenta (74%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D4282 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 4D4282 by changing the saturation by 10% instead.





4D4282



4D4282

FFFFFF



342C69



8172B7



1A1750



9C8CD3



040039



B7A6F0



000222



D3C1FF



000009



F0DDFF



000000



FFFAFF



4D4282



4D4282



423582



584F82

■ 372882

■ 635C82

■ 2D1B82

■ 6D6982

■ 220E82

■ 787682

■ 170182

■ 838382

■ 160082

■ 8E9082

■ 989D82

■ A3AA82

■ AEB782

# Harmonies

## Analogous

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



004E8B



4D4282



73336A

# Triad

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



4D4282



723E10



005A4C

# Complementary

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



4D4282



778242

# 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.



00582B



4D4282



594A00

# Square

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



4D4282



82312C



39530E



005A6C

# Rectangle

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



4D4282



802C56



39530E



005A41



# Sweetspot

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



4D4282



938FA8



427782



484554



D4D4D4



545454



# Same Dimension

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



4D4282



5645A8



6D4282



3A3940



160080



000000



# Inverse Universe

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



824277



A84597



578242



40393F



80006A



000000



# Previews

## White Background



This preview shows how the Hex color 4D4282 looks on a white background.

## Color Contrast Check

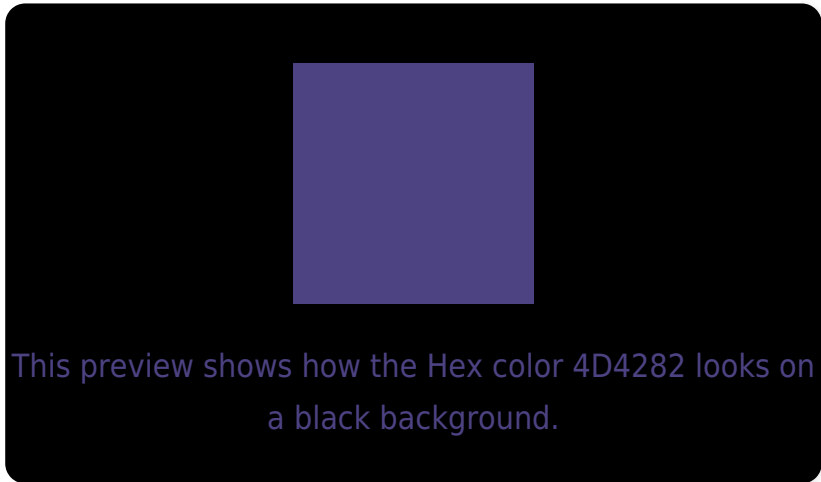
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D4282 Background



This preview shows how black text looks on a background with the Hex color 4D4282.



This preview shows how white text looks on a background with the Hex color 4D4282.

# 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**  
4D4282

**Protanopia**  
2C4989

**Deuteranopia**  
264C80



**Tritanopia**  
424D53

# Trichromacy



**Original Color**  
4D4282

**Protanomaly**  
384686

**Deuteranomaly**  
344881

**Tritanomaly**  
464964

# Monochromacy



**Original Color**  
4D4282

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
4D4960

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D4282 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 #4D4282 looks like.

```
.text, #text, p{  
    color:#4D4282  
}
```

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 #4D4282 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D4282
}
```

## Border

The CSS property to change the border of an element to Hex 4D4282 is called "border". The border property can be set on classes, ids or directly on the HTML element.

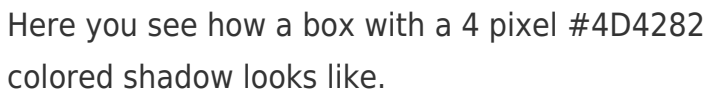
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D4282 }
```

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

```
.border{ border-color:#4D4282 }
```

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



Here you see how a box with a 4 pixel #4D4282 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D4282; -webkit-box-shadow:4px 4px  
4px 4px #4D4282; box-shadow:4px 4px 4px  
4px #4D4282 }
```

# Background

The CSS property to change the background color of an element to Hex 4D4282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D4282 }
```

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

```
.background{ background-color:#4D4282 }
```

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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