

# Converting Colors

Hex(4D2C58)

Have a look what the booklet for  
Hex(4D2C58) contains.

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# Color

Hex(4D2C58)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D2C58
RGB	77, 44, 88
RGB Percent	30%, 17%, 35%
CMY	0.6980, 0.8275, 0.6549
CMYK	0.12, 0.50, 0.00, 0.65
HSL	285°, 33%, 26%
HSV	285°, 50%, 35%
XYZ	5.7227, 4.0837, 9.7191
YIQ	58.8830, 5.5440, 20.6800

# Conversions

## Conversions Part 2

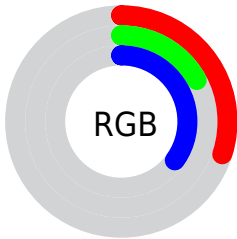
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	77, 44, 88
Decimal	5057624
CIE <sub>Lab</sub>	23.95, 23.79, -20.51
CIE <sub>LCh</sub>	24, 31.409, 319.233
Yxy	4.0837, 0.2931, 0.2091
Android (android.graphics.Color)	4283247704 (0xFF4D2C58)
YUV	58.8830, 14.3547, 15.8886
Hunter-Lab	20.2082, 15.1844, -14.3697

# Details

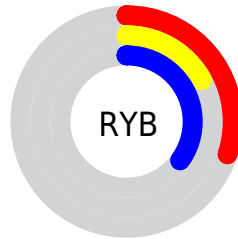
The Hex color **4D2C58** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **37582C**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **7F5B8A**, and **20002A** is the 20% darker color. If you saturate the color by 10%, you get **4B2358**, and if you desaturate by 10%, it is **4F3558**.

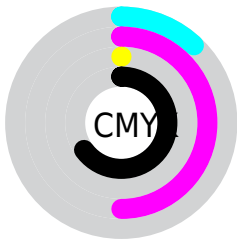
# Distribution



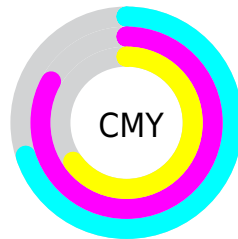
- Red (30%)
- Green (17%)
- Blue (35%)



- Red (30%)
- Yellow (17%)
- Blue (35%)



- Cyan (12%)
- Magenta (50%)
- Yellow (0%)
- Black (65%)



- Cyan (70%)
- Magenta (83%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D2C58 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 4D2C58 by changing the saturation by 10% instead.



■ 4D2C58

■ 4D2C58

FFFFFF

■ 351640

■ 7F5B8A

■ 20002A

■ 9974A5

■ 000115

■ B48DC0

■ 000000

■ D0A8DC

■ EDC3F8

■ FFDFFF

■ FFFCFF

■ 4D2C58

■ 4D2C58

■ 4B2358

■ 4F3558

■ 491A58

■ 513E58

■ 461258

■ 544658

■ 440958

■ 564F58

■ 420058

■ 585858

■ 5A6158

■ 5C6A58

■ 5F7258

■ 617B58

# Harmonies

## Analogous

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



293666



4D2C58



5F2442

# Triad

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



4D2C58



4C3506



004448

# Complementary

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



4D2C58



37582C

# 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.



00442F



4D2C58



373C07

# Square

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



4D2C58



5C2B16



1A4118



00435C

# Rectangle

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



4D2C58



642233



1A4118



004440



# Sweetspot

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



4D2C58



6E6273



2C3758



38303B



BABABA



3B3B3B



# Same Dimension

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



4D2C58



622E73



582C4D



2A272B



50006B



B000EB



# Inverse Universe

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



582C37



732E3F



2C5837



2B2728



6B001B



EB003B



# Previews

## White Background



This preview shows how the Hex color 4D2C58 looks on a white background.

## Color Contrast Check

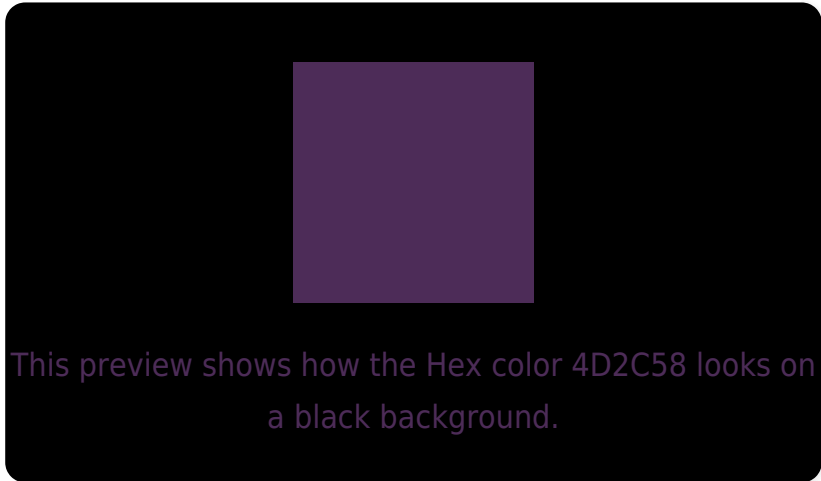
Large Text (above 18pt) WCAG AA ✓ Pass

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

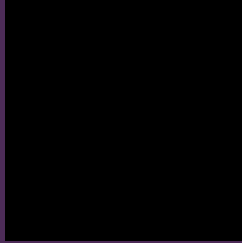
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4D2C58 Background



This preview shows how black text looks on a background with the Hex color 4D2C58.



This preview shows how white text looks on a background with the Hex color 4D2C58.

# 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](#).

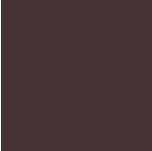
## Dichromacy



**Original Color**  
4D2C58

**Protanopia**  
273863

**Deuteranopia**  
2D3956



**Tritanopia**  
483438

# Trichromacy



**Original Color**  
4D2C58

**Protanomaly**  
35345F

**Deuteranomaly**  
393457

**Tritanomaly**  
4A3144

# Monochromacy



**Original Color**  
4D2C58

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
423646

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D2C58 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 #4D2C58 looks like.

```
.text, #text, p{  
    color:#4D2C58  
}
```

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 #4D2C58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D2C58
}
```

## Border

The CSS property to change the border of an element to Hex 4D2C58 is called "border". The border property can be set on classes, ids or directly on the HTML element.

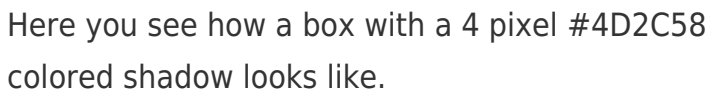
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D2C58 }
```

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

```
.border{ border-color:#4D2C58 }
```

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



Here you see how a box with a 4 pixel #4D2C58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D2C58; -webkit-box-shadow:4px 4px  
4px 4px #4D2C58; box-shadow:4px 4px 4px  
4px #4D2C58 }
```

# Background

The CSS property to change the background color of an element to Hex 4D2C58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D2C58 }
```

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

```
.background{ background-color:#4D2C58 }
```

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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