

# Converting Colors

Hex(4D283A)

Have a look what the booklet for  
Hex(4D283A) contains.

<b>Hex(4D283A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(4D283A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D283A
RGB	77, 40, 58
RGB Percent	30%, 16%, 23%
CMY	0.6980, 0.8431, 0.7725
CMYK	0.00, 0.48, 0.25, 0.70
HSL	331°, 32%, 23%
HSV	331°, 48%, 30%
XYZ	4.5831, 3.4009, 4.4179
YIQ	53.1150, 16.2740, 13.4420

# Conversions

## Conversions Part 2

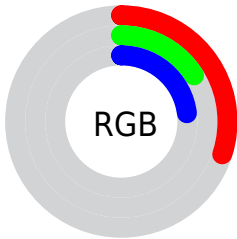
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	77, 40, 58
Decimal	5056570
CIE Lab	21.58, 19.99, -3.93
CIE LCh	22, 20.376, 348.887
Yxy	3.4009, 0.3695, 0.2742
Android (android.graphics.Color)	4283246650 (0xFF4D283A)
YUV	53.1150, 2.4083, 20.9471
Hunter-Lab	18.4414, 12.0886, -1.2947

# Details

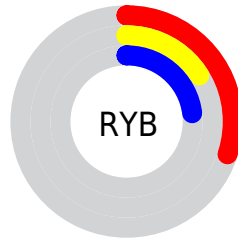
The Hex color **4D283A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **284D3B**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **7F5669**, and **22000F** is the 20% darker color. If you saturate the color by 10%, you get **4D2036**, and if you desaturate by 10%, it is **4D303E**.

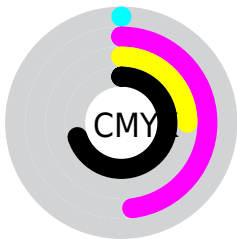
# Distribution



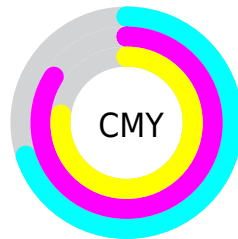
- Red (30%)
- Green (16%)
- Blue (23%)



- Red (30%)
- Yellow (16%)
- Blue (23%)



- Cyan (0%)
- Magenta (48%)
- Yellow (25%)
- Black (70%)



- Cyan (70%)
- Magenta (84%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D283A 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 4D283A by changing the saturation by 10% instead.





4D283A



4D283A

FFFFFF



351224



7F5669



22000F



996F82



000000



B5889C



D0A3B7



EDBED3



FFDAEF



FFF7FF



4D283A



4D283A

■ 4D2036

■ 4D303E

■ 4D1932

■ 4D3742

■ 4D112E

■ 4D3F46

■ 4D092A

■ 4D474A

■ 4D0226

■ 4D4E4E

■ 4D0025

■ 4D5652

■ 4D5E56

■ 4D665A

■ 4D6D5E

# Harmonies

## Analogous

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



412C48



4D283A



50282B

# Triad

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



4D283A



343616



003A4A

# Complementary

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



4D283A



284D3B

# 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.



003B3D



4D283A



22391F

# Square

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



4D283A



423116



0A3B2D



0C3751

# Rectangle

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



4D283A



4E2A22



0A3B2D



003B46



# Sweetspot

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



4D283A



63565C



3B284D



332A2F



B3B3B3



333333



# Same Dimension

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



4D283A



632A46



4D2828



262224



660032



E60070



# Inverse Universe

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



4D283A



632A46



284D4D



262224



660032

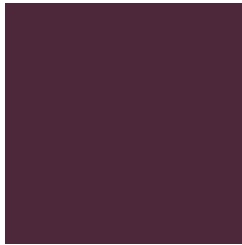


E60070



# Previews

## White Background



This preview shows how the Hex color 4D283A looks on a white background.

## Color Contrast Check

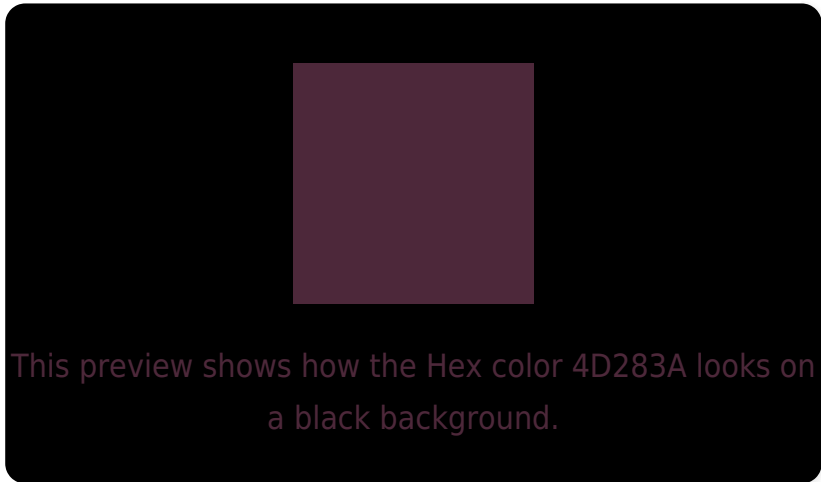
Large Text (above 18pt) WCAG AA ✓ Pass

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

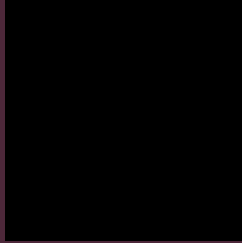
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D283A Background



This preview shows how black text looks on a background with the Hex color 4D283A.



This preview shows how white text looks on a background with the Hex color 4D283A.

# 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**  
4D283A

**Protanopia**  
313442

**Deuteranopia**  
383338



**Tritanopia**  
4C2A2E

# Trichromacy



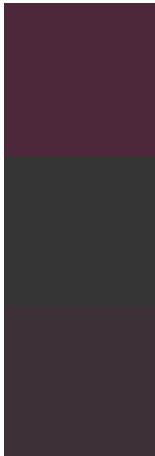
**Original Color**  
4D283A

**Protanomaly**  
3B303F

**Deuteranomaly**  
402F39

**Tritanomaly**  
4C2932

# Monochromacy



**Original Color**  
4D283A

**Achromatopsia**  
353535

**Achromatomaly**  
3E3037

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D283A 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 #4D283A looks like.

```
.text, #text, p{  
    color:#4D283A  
}
```

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 #4D283A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D283A
}
```

## Border

The CSS property to change the border of an element to Hex 4D283A 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".

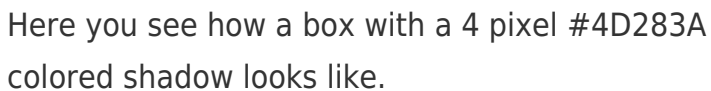
```
.border, #border, table{ border:4px solid
#4D283A }
```

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

```
.border{ border-color:#4D283A }
```

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

Here you see how a box with a 4 pixel #4D283A colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D283A; -webkit-box-shadow:4px 4px  
4px 4px #4D283A; box-shadow:4px 4px 4px  
4px #4D283A }
```

# Background

The CSS property to change the background color of an element to Hex 4D283A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D283A }
```

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

```
.background{ background-color:#4D283A }
```

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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