

# Converting Colors

Hex(4D322D)

Have a look what the booklet for  
Hex(4D322D) contains.

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# Color

**Hex(4D322D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D322D
RGB	77, 50, 45
RGB Percent	30%, 20%, 18%
CMY	0.6980, 0.8039, 0.8235
CMYK	0.00, 0.35, 0.42, 0.70
HSL	9°, 26%, 24%
HSV	9°, 42%, 30%
XYZ	4.6748, 4.0484, 3.0177
YIQ	57.5030, 17.6970, 4.1690

# Conversions

## Conversions Part 2

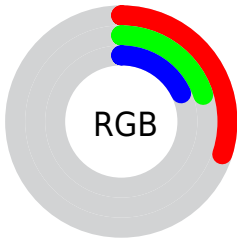
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	77, 51, 45
Decimal	5059117
CIE <sub>Lab</sub>	23.83, 11.51, 8.15
CIE <sub>LCh</sub>	24, 14.102, 35.301
Yxy	4.0484, 0.3982, 0.3448
Android (android.graphics.Color)	4283249197 (0xFF4D322D)
YUV	57.5030, -6.1640, 17.0989
Hunter-Lab	20.1208, 6.2611, 5.1924

# Details

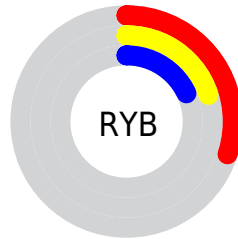
The Hex color **4D322D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2D484D**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **7F605B**, and **220400** is the 20% darker color. If you saturate the color by 10%, you get **4D2C25**, and if you desaturate by 10%, it is **4D3835**.

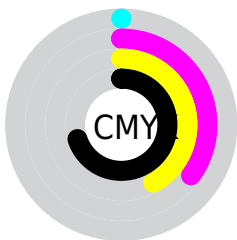
# Distribution



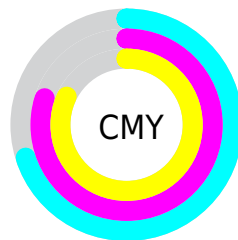
- Red (30%)
- Green (20%)
- Blue (18%)



- Red (30%)
- Yellow (20%)
- Blue (18%)



- Cyan (0%)
- Magenta (35%)
- Yellow (42%)
- Black (70%)



- Cyan (70%)
- Magenta (80%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D322D 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 4D322D by changing the saturation by 10% instead.



 4D322D

 4D322D

FFFFFFF

 351D18

 7F605B

 220400

 997973

 000000

 B5938D

 D0AEA7

 EDC9C2

 FFE5DE

 FFFFFB

 4D322D

 4D322D

■ 4D2C25

■ 4D3835

■ 4D251E

■ 4D3F3C

■ 4D1F16

■ 4D4544

■ 4D180E

■ 4D4C4C

■ 4D1206

■ 4D5254

■ 4D0C00

■ 4D595B

■ 4D5F63

■ 4D666B

■ 4D6C72

# Harmonies

## Analogous

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



4D3137



4D322D



483526

# Triad

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



4D322D



263E30



2E394E

# Complementary

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



4D322D



2D484D

# 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.



1F3C4C



4D322D



1B3F3A

# Square

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



4D322D



333C27



163E45



3D354A

# Rectangle

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



4D322D



423724



163E45



283A4E



# Sweetspot

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



4D322D



635958



4D2D48



332D2C



B3B3B3



333333



# Same Dimension

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



4D322D



633932



4D422D



262322



661000



E62400



# Inverse Universe

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



2D484D



325C63



2D384D



222626



005666



00C2E6



# Previews

## White Background



This preview shows how the Hex color 4D322D 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

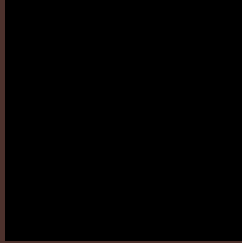
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D322D Background



This preview shows how black text looks on a background with the Hex color 4D322D.

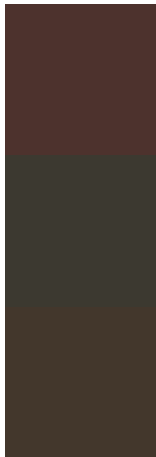


This preview shows how white text looks on a background with the Hex color 4D322D.

# 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**  
4D322D

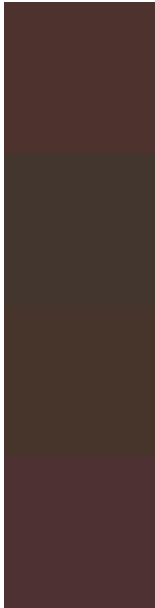
**Protanopia**  
3C3930

**Deuteranopia**  
43372C



**Tritanopia**  
4E3135

# Trichromacy



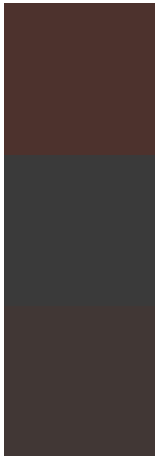
**Original Color**  
4D322D

**Protanomaly**  
42362F

**Deuteranomaly**  
47352C

**Tritanomaly**  
4E3132

# Monochromacy



**Original Color**  
4D322D

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
413735

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D322D 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 #4D322D looks like.

```
.text, #text, p{  
    color:#4D322D  
}
```

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 #4D322D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D322D
}
```

## Border

The CSS property to change the border of an element to Hex 4D322D 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".

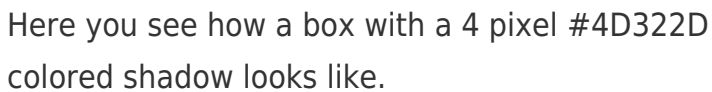
```
.border, #border, table{ border:4px solid
#4D322D }
```

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

```
.border{ border-color:#4D322D }
```

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

Here you see how a box with a 4 pixel #4D322D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D322D; -webkit-box-shadow:4px 4px  
4px 4px #4D322D; box-shadow:4px 4px 4px  
4px #4D322D }
```

# Background

The CSS property to change the background color of an element to Hex 4D322D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D322D }
```

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

```
.background{ background-color:#4D322D }
```

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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