

# Converting Colors

Hex(40272A)

Have a look what the booklet for  
Hex(40272A) contains.

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**Color**

**Hex(40272A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40272A
RGB	64, 39, 42
RGB Percent	25%, 15%, 16%
CMY	0.7490, 0.8471, 0.8353
CMYK	0.00, 0.39, 0.34, 0.75
HSL	353°, 24%, 20%
HSV	353°, 39%, 25%
XYZ	3.2578, 2.7082, 2.5415
YIQ	46.8170, 13.9370, 6.2330

# Conversions

## Conversions Part 2

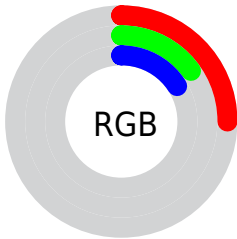
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 39, 42
Decimal	4204330
CIELab	18.84, 12.27, 2.90
CIELCh	19, 12.604, 13.316
Yxy	2.7082, 0.3829, 0.3183
Android (android.graphics.Color)	4282394410 (0xFF40272A)
YUV	46.8170, -2.3748, 15.0695
Hunter-Lab	16.4566, 6.5373, 2.3630

# Details

The Hex color **40272A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **27403D**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **715457**, and **110000** is the 20% darker color. If you saturate the color by 10%, you get **402124**, and if you desaturate by 10%, it is **402D30**.

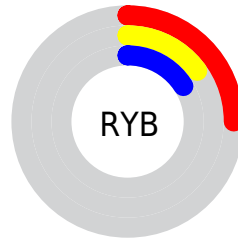
# Distribution



Red (25%)

Green (15%)

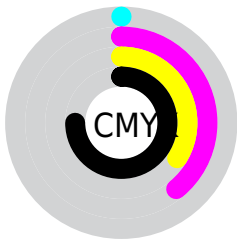
Blue (16%)



Red (25%)

Yellow (15%)

Blue (16%)

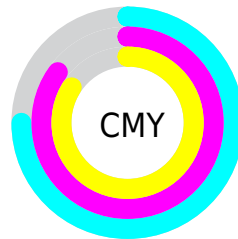


Cyan (0%)

Magenta (39%)

Yellow (34%)

Black (75%)



Cyan (75%)

Magenta (85%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40272A 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 40272A by changing the saturation by 10% instead.





40272A



40272A

FFFFFF



291216



715457



110000



8A6D70



000000



A58689



C0A0A3



DCBBBE



F9D7DA



FFF3F6



40272A



40272A

■ 402124

■ 402D30

■ 401A1F

■ 403435

■ 401419

■ 403A3B

■ 400D13

■ 404141

■ 40070E

■ 404746

■ 400108

■ 404D4C

■ 400008

■ 405451

■ 405A57

■ 40615D

# Harmonies

## Analogous

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



3D2833



40272A



3E2922

# Triad

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



40272A



263120



1A303F

# Complementary

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



40272A



27403D

# 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.



11323A



40272A



1B3228

# Square

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



40272A



302F1C



123332



282D3F

# Rectangle

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



40272A



3B2A1E



123332



16313E



# Sweetspot

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



40272A



544A4B



3D2740



2B2526



ABABAB



2B2B2B



# Same Dimension

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



40272A



542D31



403027



211E1E



61000C



E0001B



# Inverse Universe

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



40272A



542D31



273740



211E1E



61000C

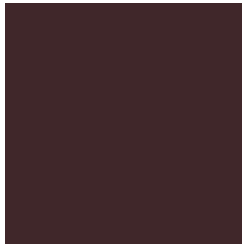


E0001B



# Previews

## White Background



This preview shows how the Hex color 40272A looks on a white background.

## Color Contrast Check

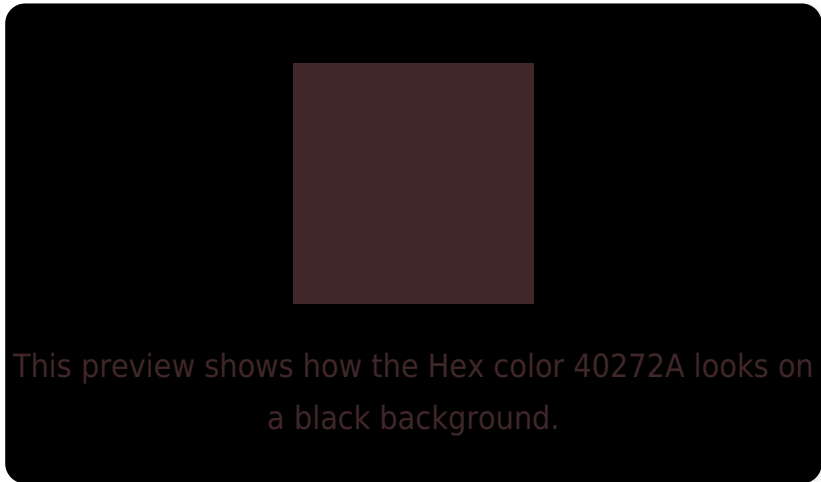
Large Text (above 18pt) WCAG AA ✓ Pass

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

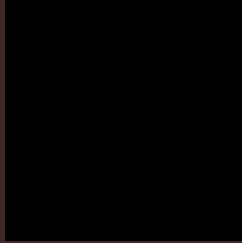
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 40272A Background



This preview shows how black text looks on a background with the Hex color 40272A.

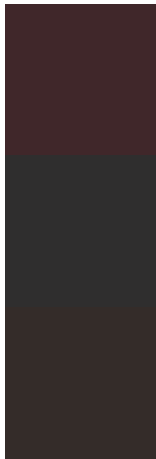


This preview shows how white text looks on a background with the Hex color 40272A.

# 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](#).

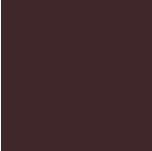
## Dichromacy



**Original Color**  
40272A

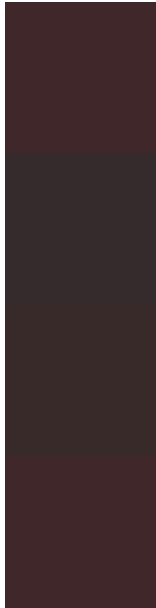
**Protanopia**  
2F2E2E

**Deuteranopia**  
342C29



**Tritanopia**  
40272A

# Trichromacy



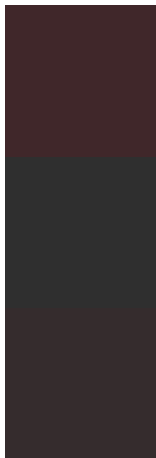
**Original Color**  
40272A

**Protanomaly**  
352B2D

**Deuteranomaly**  
382A29

**Tritanomaly**  
40272A

# Monochromacy



**Original Color**  
40272A

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
352C2D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40272A 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 #40272A looks like.

```
.text, #text, p{  
    color:#40272A  
}
```

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 #40272A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40272A
}
```

## Border

The CSS property to change the border of an element to Hex 40272A is called "border". The border property can be set on classes, ids or directly on the HTML element.

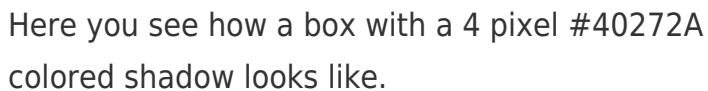
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40272A }
```

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

```
.border{ border-color:#40272A }
```

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



Here you see how a box with a 4 pixel #40272A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40272A; -webkit-box-shadow:4px 4px  
4px 4px #40272A; box-shadow:4px 4px 4px  
4px #40272A }
```

# Background

The CSS property to change the background color of an element to Hex 40272A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40272A }
```

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

```
.background{ background-color:#40272A }
```

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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