

Converting Colors

Hex(40272B)

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

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Color

Hex(40272B)

Conversions

Conversions Part 1

Format	Color
Hex	40272B
RGB	64, 39, 43
RGB Percent	25%, 15%, 17%
CMY	0.7490, 0.8471, 0.8314
CMYK	0.00, 0.39, 0.33, 0.75
HSL	350°, 24%, 20%
HSV	350°, 39%, 25%
XYZ	3.2759, 2.7154, 2.6370
YIQ	46.9310, 13.6160, 6.5440

Conversions

Conversions Part 2

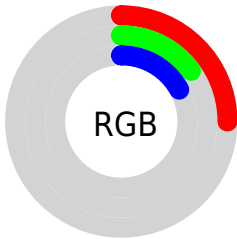
Format	Color
RYB	64, 39, 43
Decimal	4204331
CIELab	18.87, 12.43, 2.25
CIELCh	19, 12.634, 10.257
Yxy	2.7154, 0.3797, 0.3147
Android (android.graphics.Color)	4282394411 (0xFF40272B)
YUV	46.9310, -1.9380, 14.9695
Hunter-Lab	16.4786, 6.6479, 2.0472

Details

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

A 20% lighter version of the original color is **715458**, and **120000** is the 20% darker color. If you saturate the color by 10%, you get **402126**, and if you desaturate by 10%, it is **402D30**.

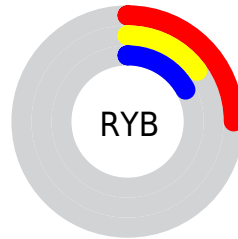
Distribution



Red (25%)

Green (15%)

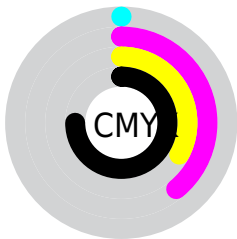
Blue (17%)



Red (25%)

Yellow (15%)

Blue (17%)

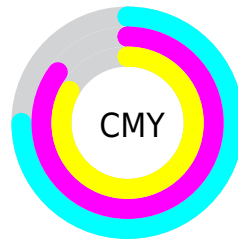


Cyan (0%)

Magenta (39%)

Yellow (33%)

Black (75%)



Cyan (75%)

Magenta (85%)

Yellow (83%)

Brightness & Saturation Gradients

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



40272B



40272B

FFFFFF



291217



715458



120000



8A6D71



000000



A5868A



C0A0A4



DCBBBF



F9D7DB



FFF4F8



40272B



40272B

■ 402126

■ 402D30

■ 401A20

■ 403436

■ 40141B

■ 403A3B

■ 400D15

■ 404141

■ 400710

■ 404746

■ 40010B

■ 404D4B

■ 40000A

■ 405451

■ 405A56

■ 40615B

Harmonies

Analogous

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



3C2834



40272B



3F2822

Triad

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



40272B



273120



19303F

Complementary

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



40272B



27403C

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.



103239



40272B



1C3227

Square

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



40272B



312E1C



133331



262E40

Rectangle

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



40272B



3C2A1E



133331



15313D

Sweetspot

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



40272B



544A4C



3C2740



2B2526



ABABAB



2B2B2B

Same Dimension

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



40272B



542D33



402F27



211E1E



610010



E00024

Inverse Universe

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



40272B



542D33



273840



211E1E



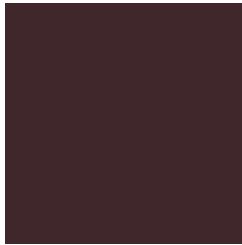
610010



E00024

Previews

White Background



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

Color Contrast Check

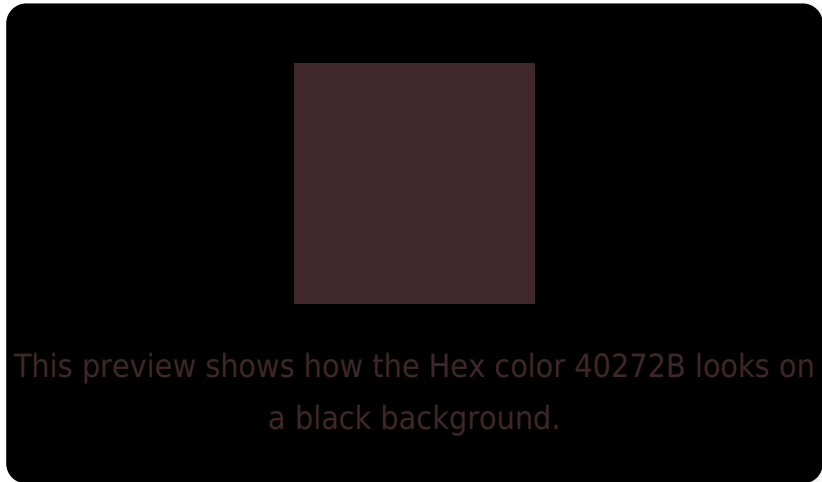
Large Text (above 18pt) WCAG AA ✓ Pass

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 40272B Background



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

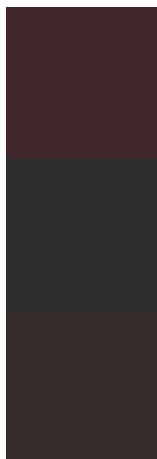


This preview shows how white text looks on a background with the Hex color 40272B.

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](#).

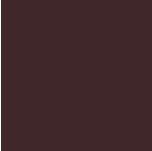
Dichromacy



Original Color
40272B

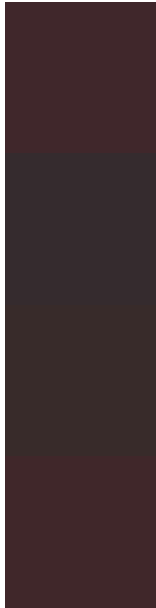
Protanopia
2F2E2F

Deuteranopia
342D2A



Tritanopia
40272A

Trichromacy



Original Color

40272B

Protanomaly

352B2E

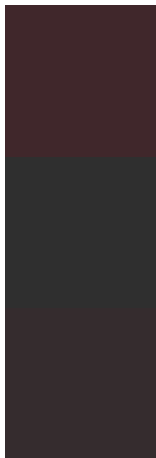
Deuteranomaly

382B2A

Tritanomaly

40272A

Monochromacy



Original Color

40272B

Achromatopsia

2F2F2F

Achromatomaly

352C2E

CSS Examples

Text

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

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

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 #40272B colored shadow looks like.

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

Border

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

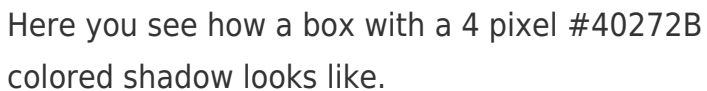
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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