

Converting Colors

Hex(40292A)

Have a look what the booklet for
Hex(40292A) contains.

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Color

Hex(40292A)

Conversions

Conversions Part 1

Format	Color
Hex	40292A
RGB	64, 41, 42
RGB Percent	25%, 16%, 16%
CMY	0.7490, 0.8392, 0.8353
CMYK	0.00, 0.36, 0.34, 0.75
HSL	357°, 22%, 21%
HSV	357°, 36%, 25%
XYZ	3.3252, 2.8430, 2.5640
YIQ	47.9910, 13.3870, 5.1870

Conversions

Conversions Part 2

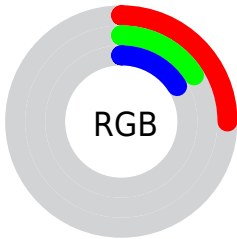
Format	Color
RYB	64, 41, 42
Decimal	4204842
CIELab	19.40, 10.93, 3.72
CIELCh	19, 11.541, 18.781
Yxy	2.8430, 0.3808, 0.3256
Android (android.graphics.Color)	4282394922 (0xFF40292A)
YUV	47.9910, -2.9536, 14.0399
Hunter-Lab	16.8613, 5.6946, 2.7871

Details

The Hex color **40292A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **29403F**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **715657**, and **130000** is the 20% darker color. If you saturate the color by 10%, you get **402324**, and if you desaturate by 10%, it is **402F30**.

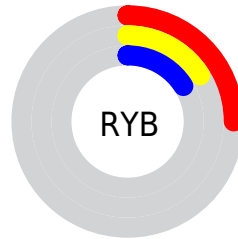
Distribution



Red (25%)

Green (16%)

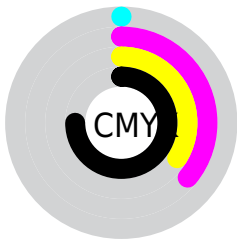
Blue (16%)



Red (25%)

Yellow (16%)

Blue (16%)

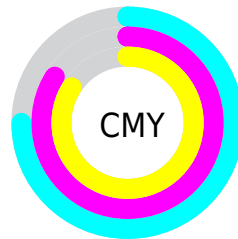


Cyan (0%)

Magenta (36%)

Yellow (34%)

Black (75%)



Cyan (75%)

Magenta (84%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40292A 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 40292A by changing the saturation by 10% instead.



40292A



40292A

FFFFFF



291416



715657



130000



8A6F70



000000



A58889



C0A3A3



DCBEBE



F9D9DA



FFF6F6



40292A



40292A

■ 402324

■ 402F30

■ 401C1E

■ 403636

■ 401618

■ 403C3C

■ 400F12

■ 404342

■ 40090B

■ 404949

■ 400305

■ 404F4F

■ 400003

■ 405655

■ 405C5B

■ 406361

Harmonies

Analogous

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



3E2933



40292A



3E2B23

Triad

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



40292A



263224



20313F

Complementary

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



40292A



29403F

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.



17333B



40292A



1D332B

Square

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



40292A



30301F



163434



2C2E3F

Rectangle

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



40292A



3A2C20



163434



1C323E

Sweetspot

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



40292A



544B4B



3F2940



2B2626



ABABAB



2B2B2B

Same Dimension

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



40292A



543032



403329



211E1E



610004



E0000A

Inverse Universe

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



40292A



543032



293640



211E1E



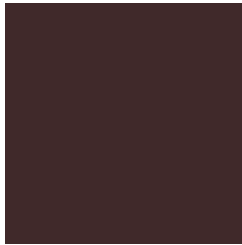
610004



E0000A

Previews

White Background



This preview shows how the Hex color 40292A looks on a white background.

Color Contrast Check

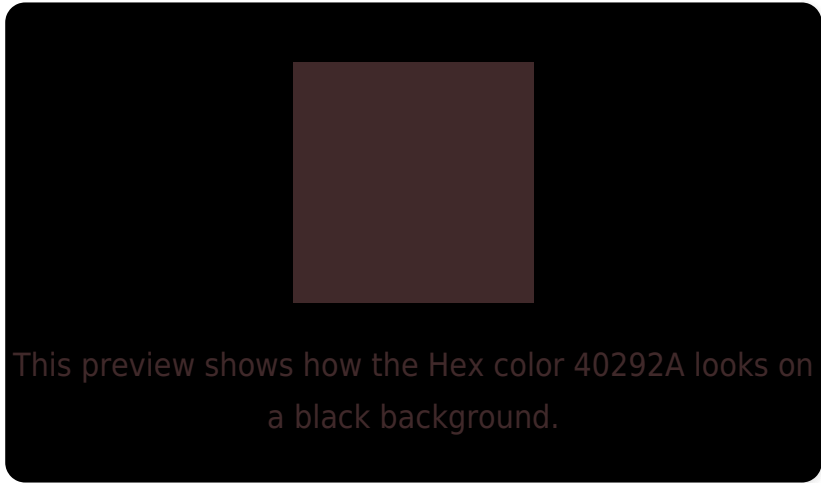
Large Text (above 18pt) WCAG AA ✓ Pass

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

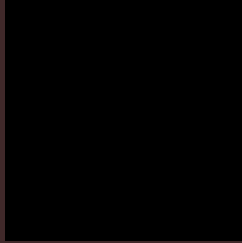
Any Text WCAG AA × Fail

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 40292A Background



This preview shows how black text looks on a background with the Hex color 40292A.

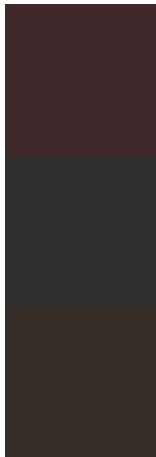


This preview shows how white text looks on a background with the Hex color 40292A.

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
40292A

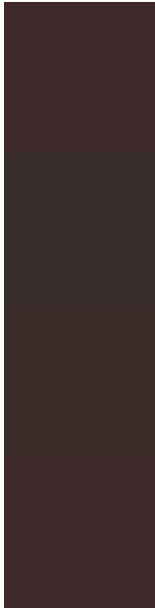
Protanopia
312F2D

Deuteranopia
362E29



Tritanopia
40292C

Trichromacy



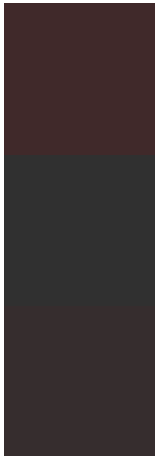
Original Color
40292A

Protanomaly
362D2C

Deuteranomaly
3A2C29

Tritanomaly
40292B

Monochromacy



Original Color
40292A

Achromatopsia
303030

Achromatomaly
362D2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 40292A 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 #40292A looks like.

```
.text, #text, p{  
    color:#40292A  
}
```

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 #40292A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40292A
}
```

Border

The CSS property to change the border of an element to Hex 40292A is called "border". The border property can be set on classes, ids or directly on the HTML element.

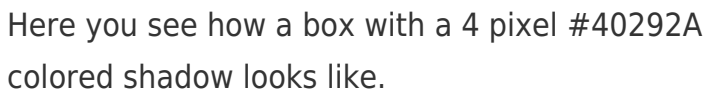
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40292A }
```

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

```
.border{ border-color:#40292A }
```

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



Here you see how a box with a 4 pixel #40292A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40292A; -webkit-box-shadow:4px 4px  
4px 4px #40292A; box-shadow:4px 4px 4px  
4px #40292A }
```

Background

The CSS property to change the background color of an element to Hex 40292A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40292A }
```

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

```
.background{ background-color:#40292A }
```

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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