

Converting Colors

Hex(41312A)

Have a look what the booklet for
Hex(41312A) contains.

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Color

Hex(41312A)

Conversions

Conversions Part 1

Format	Color
Hex	41312A
RGB	65, 49, 42
RGB Percent	25%, 19%, 16%
CMY	0.7451, 0.8078, 0.8353
CMYK	0.00, 0.25, 0.35, 0.75
HSL	18°, 21%, 21%
HSV	18°, 35%, 25%
XYZ	3.6962, 3.4876, 2.6689
YIQ	52.9860, 11.7830, 1.2150

Conversions

Conversions Part 2

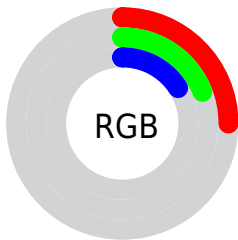
Format	Color
RYB	65, 52, 42
Decimal	4272426
CIELab	21.90, 6.04, 7.25
CIElCh	22, 9.433, 50.200
Yxy	3.4876, 0.3751, 0.3540
Android (android.graphics.Color)	4282462506 (0xFF41312A)
YUV	52.9860, -5.4161, 10.5363
Hunter-Lab	18.6751, 2.6474, 4.5995




Details

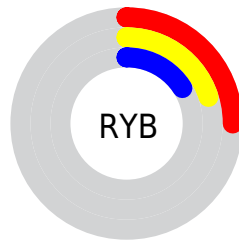
The Hex color **41312A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2A3A41**, and the grayscale version is **353535**.




A 20% lighter version of the original color is **715F57**, and **160200** is the 20% darker color. If you saturate the color by 10%, you get **412C24**, and if you desaturate by 10%, it is **413631**.

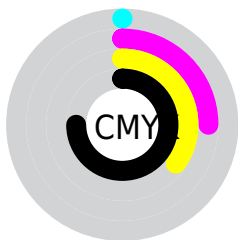
Distribution







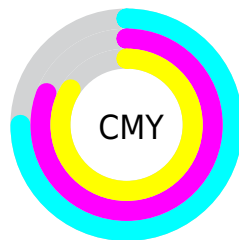
-  Red (25%)
-  Green (19%)
-  Blue (16%)






-  Red (25%)
-  Yellow (20%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (25%)
-  Yellow (35%)
-  Black (75%)



-  Cyan (75%)
-  Magenta (81%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41312A 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 41312A by changing the saturation by 10% instead.

■ 41312A

■ 41312A

FFFFFF

■ 2A1C16

■ 715F57

■ 160200

■ 8B7870

■ 000000

■ A69289

■ C1ACA3

■ DDC7BE

■ FAE3DA

■ FFFFF7

■ 41312A

■ 41312A

■ 412C24

■ 413631

■ 41281D

■ 413A37

■ 412316

■ 413F3E

■ 411F10

■ 414344

■ 411A09

■ 41484A

■ 411603

■ 414C51

■ 411400

■ 415158

■ 41555E

■ 415A65

Harmonies

Analogous

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



433030



41312A



3C3327

Triad

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



41312A



253832



333341

Complementary

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



41312A



2A3A41

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.



293642



41312A



213839

Square

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



41312A



2D372B



22383F



3B313D

Rectangle

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



41312A



373527



22383F



2F3442

Sweetspot

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



41312A



544E4B



412A3A



2B2726



ABABAB



2B2B2B

Same Dimension

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



41312A



543C31



413C2A



211F1E



611D00



E04400

Inverse Universe

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



2A3A41



314954



2A2F41



1E2021



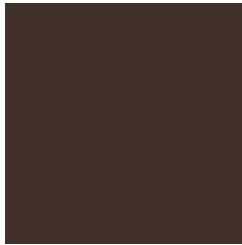
004361



009CE0

Previews

White Background



This preview shows how the Hex color 41312A looks on a white background.

Color Contrast Check

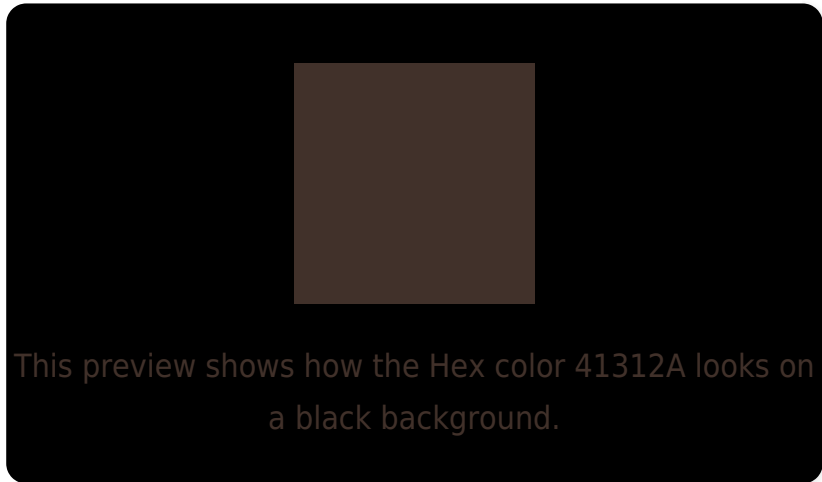
Large Text (above 18pt) WCAG AA ✓ Pass

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

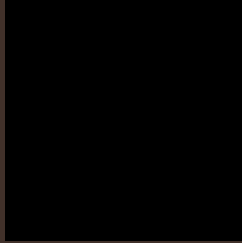
Any Text WCAG AA × Fail

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 41312A Background



This preview shows how black text looks on a background with the Hex color 41312A.

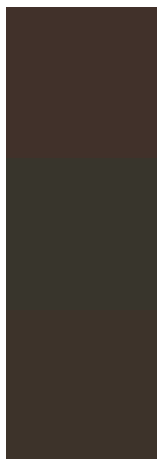


This preview shows how white text looks on a background with the Hex color 41312A.

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](#).

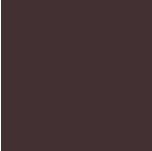
Dichromacy



Original Color
41312A

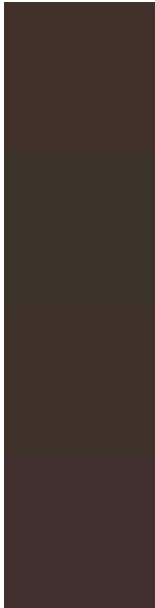
Protanopia
38352C

Deuteranopia
3D332A



Tritanopia
423033

Trichromacy



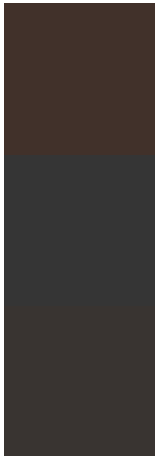
Original Color
41312A

Protanomaly
3B342B

Deuteranomaly
3E322A

Tritanomaly
423030

Monochromacy



Original Color
41312A

Achromatopsia
353535

Achromatomaly
393431

CSS Examples

Text

The CSS property to change the color of the text to Hex 41312A 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 #41312A looks like.

```
.text, #text, p{  
    color:#41312A  
}
```

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 #41312A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41312A
}
```

Border

The CSS property to change the border of an element to Hex 41312A is called "border". The border property can be set on classes, ids or directly on the HTML element.

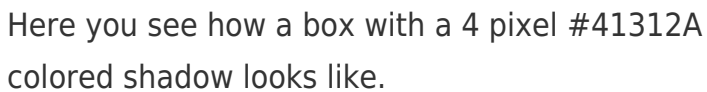
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#41312A }
```

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

```
.border{ border-color:#41312A }
```

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



Here you see how a box with a 4 pixel #41312A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41312A; -webkit-box-shadow:4px 4px  
4px 4px #41312A; box-shadow:4px 4px 4px  
4px #41312A }
```

Background

The CSS property to change the background color of an element to Hex 41312A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41312A }
```

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

```
.background{ background-color:#41312A }
```

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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