

Converting Colors

Hex(24402C)

Have a look what the booklet for
Hex(24402C) contains.

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Color

Hex(24402C)

Conversions

Conversions Part 1

Format	Color
Hex	24402C
RGB	36, 64, 44
RGB Percent	14%, 25%, 17%
CMY	0.8588, 0.7490, 0.8275
CMYK	0.44, 0.00, 0.31, 0.75
HSL	137°, 28%, 20%
HSV	137°, 44%, 25%
XYZ	3.0156, 4.2237, 3.0392
YIQ	53.3480, -10.2680, -12.1560

Conversions

Conversions Part 2

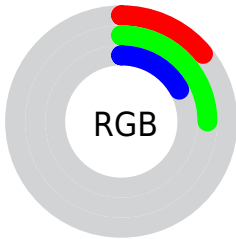
Format	Color
RYB	36, 58, 64
Decimal	2375724
CIELab	24.40, -15.84, 8.98
CIELCh	24, 18.210, 150.443
Yxy	4.2237, 0.2934, 0.4109
Android (android.graphics.Color)	4280565804 (0xFF24402C)
YUV	53.3480, -4.6086, -15.2142
Hunter-Lab	20.5517, -9.7739, 5.6183

Details

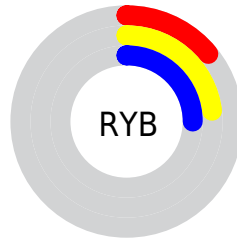
The Hex color **24402C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **402438**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **52705A**, and **001700** is the 20% darker color. If you saturate the color by 10%, you get **1E4027**, and if you desaturate by 10%, it is **2A4031**.

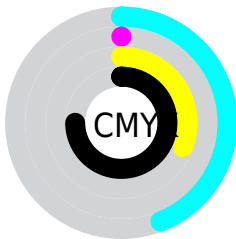
Distribution



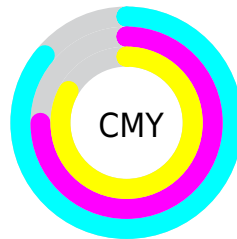
- Red (14%)
- Green (25%)
- Blue (17%)



- Red (14%)
- Yellow (23%)
- Blue (25%)



- Cyan (44%)
- Magenta (0%)
- Yellow (31%)
- Black (75%)



- Cyan (86%)
- Magenta (75%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24402C 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 24402C by changing the saturation by 10% instead.

 24402C

 24402C

FFFFFF

 0E2A17

 52705A

 001700

 6B8972

 000000

 84A48C

 9FBFA6

 BADBC1

 D5F7DD

 F2FFFA

 24402C

 24402C

■ 1E4027

■ 2A4031

■ 174023

■ 314035

■ 11401E

■ 37403A

■ 0A401A

■ 3E403E

■ 044015

■ 444043

■ 004012

■ 4A4047

■ 51404C

■ 574051

■ 5E4055

Harmonies

Analogous

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



343D22



24402C



11413A

Triad

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



24402C



263B55



54302D

Complementary

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



24402C



402438

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.



542F3A



24402C



3C3652

Square

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



24402C



0C3F51



4B3248



4E3423

Rectangle

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



24402C



024143



4B3248



553031

Sweetspot

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



24402C



49544C



384024



242B26



ABABAB



2B2B2B

Same Dimension

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



24402C



285434



24403A



1E211F



00611C



00E040

Inverse Universe

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



402438



542847



40242A



211E20



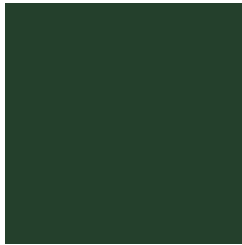
610045



E000A0

Previews

White Background



This preview shows how the Hex color 24402C looks on a white background.

Color Contrast Check

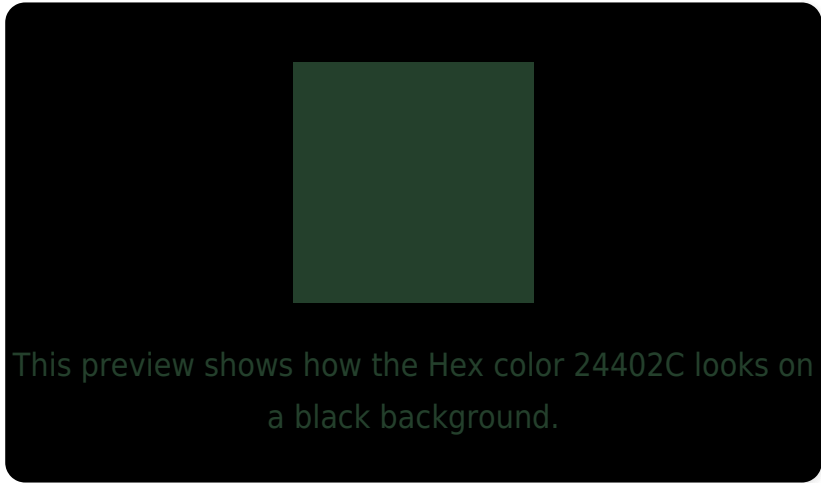
Large Text (above 18pt) WCAG AA ✓ Pass

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

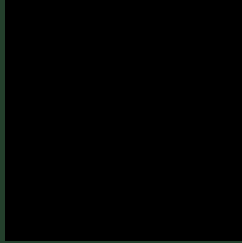
Any Text WCAG AA × Fail

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 24402C Background



This preview shows how black text looks on a background with the Hex color 24402C.



This preview shows how white text looks on a background with the Hex color 24402C.

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
24402C

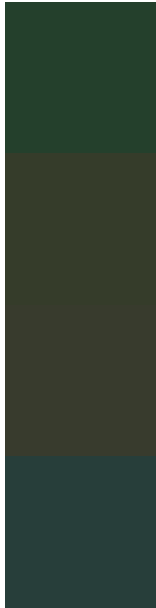
Protanopia
3E3A29

Deuteranopia
43382E



Tritanopia
293D42

Trichromacy



Original Color
24402C

Protanomaly
353C2A

Deuteranomaly
383B2D

Tritanomaly
273E3A

Monochromacy



Original Color
24402C

Achromatopsia
353535

Achromatomaly
2F3932

CSS Examples

Text

The CSS property to change the color of the text to Hex 24402C 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 #24402C looks like.

```
.text, #text, p{  
    color:#24402C  
}
```

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 #24402C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24402C
}
```

Border

The CSS property to change the border of an element to Hex 24402C is called "border". The border property can be set on classes, ids or directly on the HTML element.

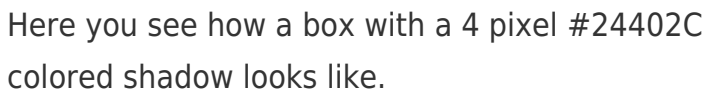
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#24402C }
```

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

```
.border{ border-color:#24402C }
```

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



Here you see how a box with a 4 pixel #24402C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24402C; -webkit-box-shadow:4px 4px  
4px 4px #24402C; box-shadow:4px 4px 4px  
4px #24402C }
```

Background

The CSS property to change the background color of an element to Hex 24402C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24402C }
```

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

```
.background{ background-color:#24402C }
```

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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