

# Converting Colors

Hex(32402B)

Have a look what the booklet for  
Hex(32402B) contains.

<b>Hex(32402B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(32402B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32402B
RGB	50, 64, 43
RGB Percent	20%, 25%, 17%
CMY	0.8039, 0.7490, 0.8314
CMYK	0.22, 0.00, 0.33, 0.75
HSL	100°, 20%, 21%
HSV	100°, 33%, 25%
XYZ	3.5848, 4.5193, 2.9689
YIQ	57.4200, -1.6030, -9.4990

# Conversions

## Conversions Part 2

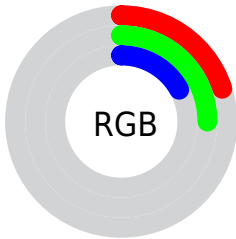
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	43, 64, 57
Decimal	3293227
CIE Lab	25.32, -10.42, 11.04
CIE LCh	25, 15.182, 133.336
Yxy	4.5193, 0.3237, 0.4081
Android (android.graphics.Color)	4281483307 (0xFF32402B)
YUV	57.4200, -7.1091, -6.5073
Hunter-Lab	21.2587, -7.1024, 6.6010

# Details

The Hex color **32402B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **392B40**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **617059**, and **031600** is the 20% darker color. If you saturate the color by 10%, you get **2E4025**, and if you desaturate by 10%, it is **364031**.

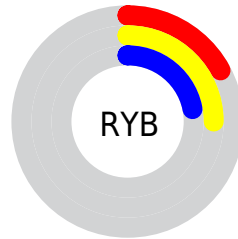
# Distribution



Red (20%)

Green (25%)

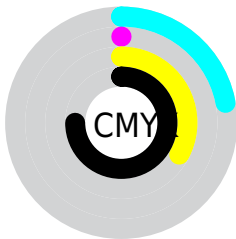
Blue (17%)



Red (17%)

Yellow (25%)

Blue (22%)

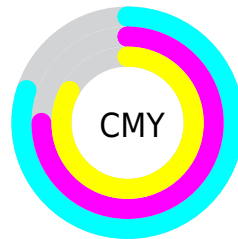


Cyan (22%)

Magenta (0%)

Yellow (33%)

Black (75%)



Cyan (80%)

Magenta (75%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32402B 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 32402B by changing the saturation by 10% instead.





32402B



32402B

FFFFFF



1D2A16



617059



031600



7A8971



000000



93A38B



AEBFA5



C9DAC0



E6F7DC



FFFFFF8



32402B



32402B

■ 2E4025

■ 364031

■ 29401E

■ 3B4038

■ 254018

■ 3F403E

■ 214011

■ 434045

■ 1D400B

■ 47404B

■ 184005

■ 4C4051

■ 154000

■ 504058

■ 54405E

■ 584065

# Harmonies

## Analogous

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



3F3D25



32402B



244235

# Triad

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



32402B



233F52



533337

# Complementary

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



32402B



392B40

# 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.



4F3443



32402B



343B52

# Square

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



32402B



17414B



44374D



51352D

# Rectangle

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



32402B



1C423D



44374D



52333B



# Sweetspot

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



32402B



4F544C



40392B



282B26



ABABAB



2B2B2B



# Same Dimension

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



32402B



3E5433



2B402F



1F211E



206100



4BE000



# Inverse Universe

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



392B40



493354



402B3C



201E21



410061



9600E0



# Previews

## White Background



This preview shows how the Hex color 32402B looks on a white background.

## Color Contrast Check

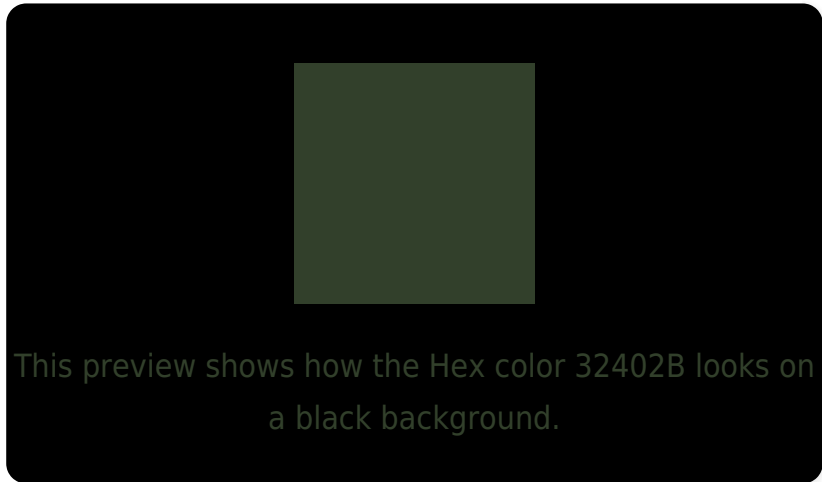
Large Text (above 18pt) WCAG AA ✓ Pass

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

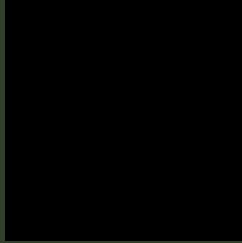
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 32402B Background



This preview shows how black text looks on a background with the Hex color 32402B.



This preview shows how white text looks on a background with the Hex color 32402B.

# 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**  
32402B

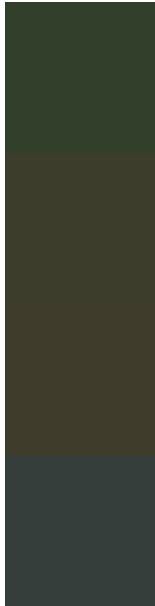
**Protanopia**  
413C29

**Deuteranopia**  
47392C



**Tritanopia**  
363D42

# Trichromacy



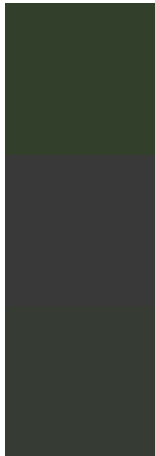
**Original Color**  
32402B

**Protanomaly**  
3C3D2A

**Deuteranomaly**  
3F3C2C

**Tritanomaly**  
353E3A

# Monochromacy



**Original Color**  
32402B

**Achromatopsia**  
393939

**Achromatomaly**  
363C34

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32402B 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 #32402B looks like.

```
.text, #text, p{  
    color:#32402B  
}
```

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 #32402B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32402B
}
```

## Border

The CSS property to change the border of an element to Hex 32402B is called "border". The border property can be set on classes, ids or directly on the HTML element.

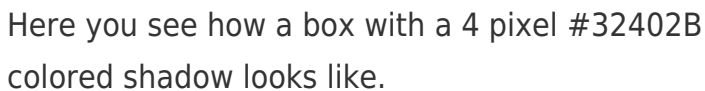
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#32402B }
```

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

```
.border{ border-color:#32402B }
```

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



Here you see how a box with a 4 pixel #32402B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32402B; -webkit-box-shadow:4px 4px  
4px 4px #32402B; box-shadow:4px 4px 4px  
4px #32402B }
```

# Background

The CSS property to change the background color of an element to Hex 32402B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32402B }
```

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

```
.background{ background-color:#32402B }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor