

# Converting Colors

Hex(3B3932)

Have a look what the booklet for  
Hex(3B3932) contains.

<b>Hex(3B3932)</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(3B3932)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B3932
RGB	59, 57, 50
RGB Percent	23%, 22%, 20%
CMY	0.7686, 0.7765, 0.8039
CMYK	0.00, 0.03, 0.15, 0.77
HSL	47°, 8%, 21%
HSV	47°, 15%, 23%
XYZ	3.8425, 4.0864, 3.6038
YIQ	56.8000, 3.4390, -1.7530

# Conversions

## Conversions Part 2

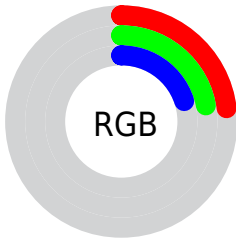
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 59, 50
Decimal	3881266
CIE Lab	23.95, -0.62, 4.67
CIE LCh	24, 4.714, 97.498
Yxy	4.0864, 0.3332, 0.3543
Android (android.graphics.Color)	4282071346 (0xFF3B3932)
YUV	56.8000, -3.3524, 1.9294
Hunter-Lab	20.2147, -1.4459, 3.5802

# Details

The Hex color **3B3932** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **32343B**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **6A6860**, and **110E03** is the 20% darker color. If you saturate the color by 10%, you get **3B382C**, and if you desaturate by 10%, it is **3B3A38**.

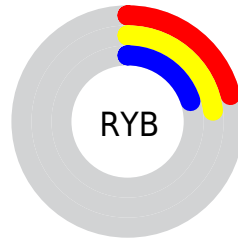
# Distribution



Red (23%)

Green (22%)

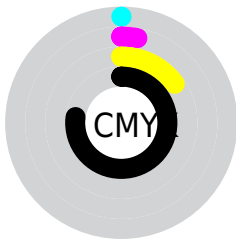
Blue (20%)



Red (21%)

Yellow (23%)

Blue (20%)

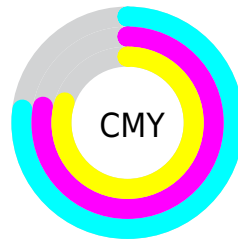


Cyan (0%)

Magenta (3%)

Yellow (15%)

Black (77%)



Cyan (77%)

Magenta (78%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B3932 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 3B3932 by changing the saturation by 10% instead.





3B3932



3B3932

FFFFFF



25241D



6A6860



110E03



838179



000000



9E9B93



B8B6AD



D4D1C9



F0EEE5



3B3932



3B3932



3B382C



3B3A38

■ 3B3626

■ 3B3C3E

■ 3B3520

■ 3B3D44

■ 3B341A

■ 3B3E4A

■ 3B3214

■ 3B404F

■ 3B310F

■ 3B4155

■ 3B3009

■ 3B425B

■ 3B2F03

■ 3B4361

■ 3B2E00

■ 3B4567

# Harmonies

## Analogous

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



3E3833



3B3932



373A33

# Triad

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



3B3932



303B3D



3E373C

# Complementary

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



3B3932



32343B

# 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.



3B383F



3B3932



323A3F

# Square

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



3B3932



313B3A



363940



403738

# Rectangle

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



3B3932



343B35



363940



3D373D



# Sweetspot

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



3B3932



4D4C49



3B3234



262624



A6A6A6



262626



# Same Dimension

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



3B3932



4D493F



393B32



1F1E1C



5E4900



DEAD00



# Inverse Universe

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



32343B



3F424D



34323B



1C1C1F



00155E

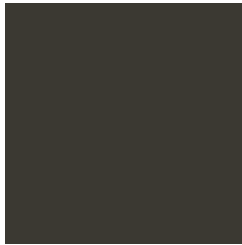


0031DE



# Previews

## White Background



This preview shows how the Hex color 3B3932 looks on a white background.

## Color Contrast Check

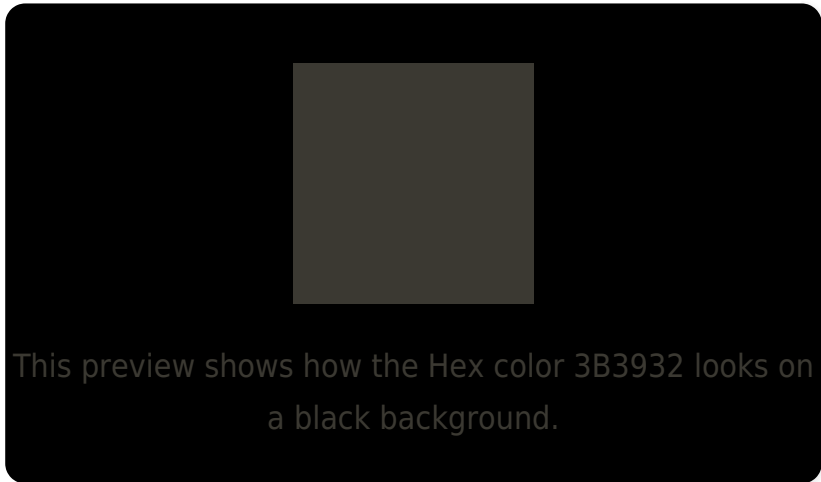
Large Text (above 18pt) WCAG AA ✓ Pass

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

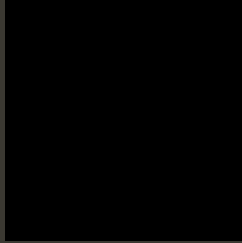
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

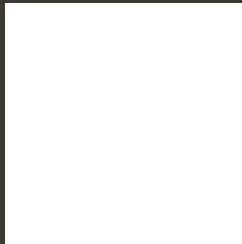
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3B3932 Background



This preview shows how black text looks on a background with the Hex color 3B3932.



This preview shows how white text looks on a background with the Hex color 3B3932.

# 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**  
3B3932

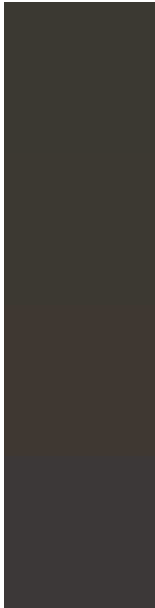
**Protanopia**  
3C3932

**Deuteranopia**  
413732



**Tritanopia**  
3C383C

# Trichromacy



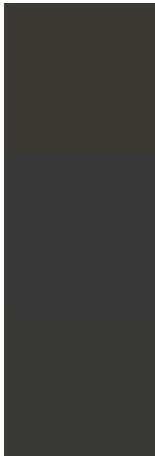
**Original Color**  
3B3932

**Protanomaly**  
3C3932

**Deuteranomaly**  
3F3832

**Tritanomaly**  
3C3838

# Monochromacy



**Original Color**  
3B3932

**Achromatopsia**  
393939

**Achromatomaly**  
3A3936

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B3932 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 #3B3932 looks like.

```
.text, #text, p{  
    color:#3B3932  
}
```

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 #3B3932 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B3932
}
```

## Border

The CSS property to change the border of an element to Hex 3B3932 is called "border". The border property can be set on classes, ids or directly on the HTML element.

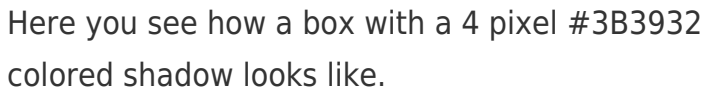
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B3932 }
```

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

```
.border{ border-color:#3B3932 }
```

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



Here you see how a box with a 4 pixel #3B3932 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B3932; -webkit-box-shadow:4px 4px  
4px 4px #3B3932; box-shadow:4px 4px 4px  
4px #3B3932 }
```

# Background

The CSS property to change the background color of an element to Hex 3B3932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B3932 }
```

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

```
.background{ background-color:#3B3932 }
```

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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