

# Converting Colors

Hex(3B3A24)

Have a look what the booklet for  
Hex(3B3A24) contains.

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# Color

Hex(3B3A24)

# Conversions

## Conversions Part 1

Format	Color
Hex	3B3A24
RGB	59, 58, 36
RGB Percent	23%, 23%, 14%
CMY	0.7686, 0.7725, 0.8588
CMYK	0.00, 0.02, 0.39, 0.77
HSL	57°, 24%, 19%
HSV	57°, 39%, 23%
XYZ	3.6351, 4.0833, 2.2656
YIQ	55.7910, 7.6580, -6.6300

# Conversions

## Conversions Part 2

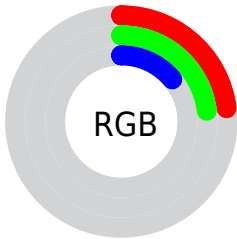
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 59, 36
Decimal	3881508
CIELab	23.94, -3.72, 13.86
CIELCh	24, 14.350, 105.009
Yxy	4.0833, 0.3641, 0.4090
Android (android.graphics.Color)	4282071588 (0xFF3B3A24)
YUV	55.7910, -9.7570, 2.8143
Hunter-Lab	20.2072, -3.2516, 7.4974

# Details

The Hex color **3B3A24** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **24253B**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **6B6951**, and **0C1000** is the 20% darker color. If you saturate the color by 10%, you get **3B3A1E**, and if you desaturate by 10%, it is **3B3A2A**.

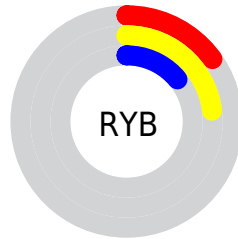
# Distribution



Red (23%)

Green (23%)

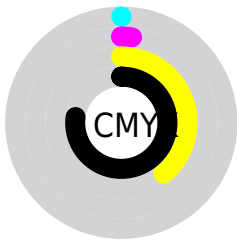
Blue (14%)



Red (15%)

Yellow (23%)

Blue (14%)

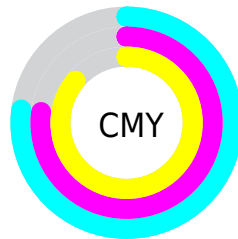


Cyan (0%)

Magenta (2%)

Yellow (39%)

Black (77%)



Cyan (77%)

Magenta (77%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B3A24 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 3B3A24 by changing the saturation by 10% instead.





3B3A24



3B3A24

FFFFFF



25240F



6B6951



0C1000



848269



000000



9E9C82



B9B79C



D5D3B7



F2EFD3



FFFFEF



3B3A24



3B3A24

■ 3B3A1E

■ 3B3A2A

■ 3B3918

■ 3B3B30

■ 3B3912

■ 3B3B36

■ 3B390C

■ 3B3B3C

■ 3B3906

■ 3B3B42

■ 3B3801

■ 3B3C47

■ 3B3800

■ 3B3C4D

■ 3B3C53

■ 3B3C59

# Harmonies

## Analogous

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



453624



3B3A24



2F3D29

# Triad

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



3B3A24



173E48



4B323F

# Complementary

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



3B3A24



24253B

# 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.



413448



3B3A24



233C4D

# Square

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



3B3A24



183F3E



33384E



4E3134

# Rectangle

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



3B3A24



263E30



33384E



483242



# Sweetspot

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



3B3A24



4D4C43



3B2425



262621



A6A6A6



262626



# Same Dimension

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



3B3A24



4D4B29



313B24



1F1E1C



5E5A00



DED400



# Inverse Universe

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



24253B



292A4D



2E243B



1C1C1F



00045E



000ADE



# Previews

## White Background



This preview shows how the Hex color 3B3A24 looks on a white background.

## Color Contrast Check

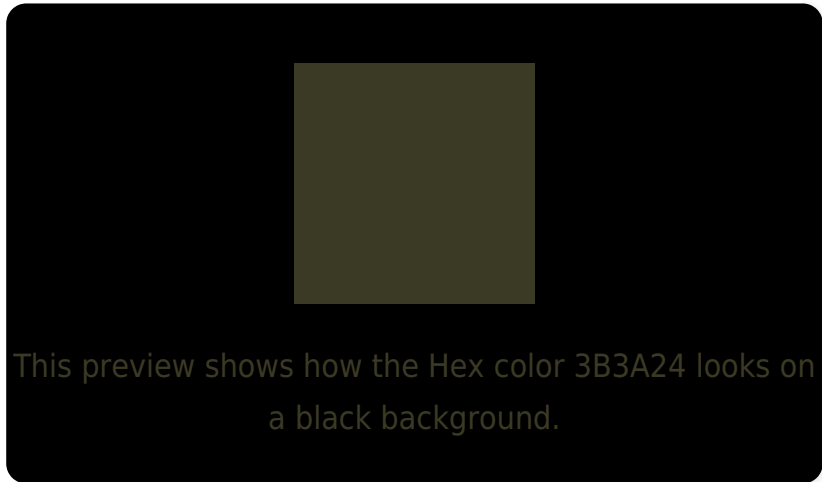
Large Text (above 18pt) WCAG AA ✓ Pass

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

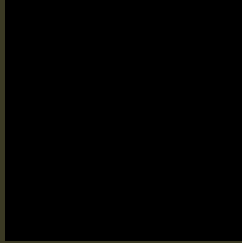
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

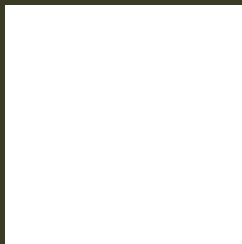
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3B3A24 Background



This preview shows how black text looks on a background with the Hex color 3B3A24.

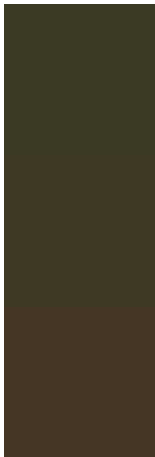


This preview shows how white text looks on a background with the Hex color 3B3A24.

# 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**  
3B3A24

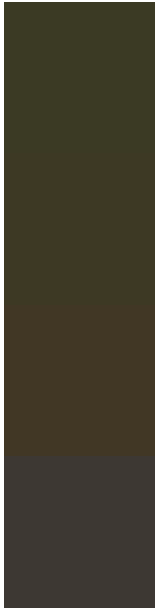
**Protanopia**  
3E3924

**Deuteranopia**  
453625



**Tritanopia**  
3E373B

# Trichromacy



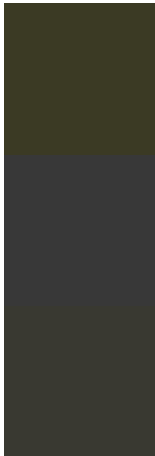
**Original Color**  
3B3A24

**Protanomaly**  
3D3924

**Deuteranomaly**  
413725

**Tritanomaly**  
3D3833

# Monochromacy



**Original Color**  
3B3A24

**Achromatopsia**  
383838

**Achromatomaly**  
393931

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B3A24 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 #3B3A24 looks like.

```
.text, #text, p{  
    color:#3B3A24  
}
```

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 #3B3A24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B3A24
}
```

## Border

The CSS property to change the border of an element to Hex 3B3A24 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
#3B3A24 }
```

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

```
.border{ border-color:#3B3A24 }
```

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

Here you see how a box with a 4 pixel #3B3A24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B3A24; -webkit-box-shadow:4px 4px  
4px 4px #3B3A24; box-shadow:4px 4px 4px  
4px #3B3A24 }
```

# Background

The CSS property to change the background color of an element to Hex 3B3A24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B3A24 }
```

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

```
.background{ background-color:#3B3A24 }
```

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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