

Converting Colors

Hex(3B3D31)

Have a look what the booklet for
Hex(3B3D31) contains.

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Color

Hex(3B3D31)

Conversions

Conversions Part 1

Format	Color
Hex	3B3D31
RGB	59, 61, 49
RGB Percent	23%, 24%, 19%
CMY	0.7686, 0.7608, 0.8078
CMYK	0.03, 0.00, 0.20, 0.76
HSL	70°, 11%, 22%
HSV	70°, 20%, 24%
XYZ	4.0268, 4.4890, 3.5600
YIQ	59.0340, 2.6600, -4.1560

Conversions

Conversions Part 2

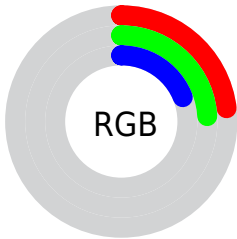
Format	Color
R_{YB}	49, 61, 51
Decimal	3882289
CIE Lab	25.23, -3.40, 7.13
CIE LCh	25, 7.895, 115.474
Yxy	4.4890, 0.3335, 0.3717
Android (android.graphics.Color)	4282072369 (0xFF3B3D31)
YUV	59.0340, -4.9468, -0.0298
Hunter-Lab	21.1874, -3.1532, 4.8691

Details

The Hex color **3B3D31** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **33313D**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6A6C5F**, and **111302** is the 20% darker color. If you saturate the color by 10%, you get **3A3D2B**, and if you desaturate by 10%, it is **3C3D37**.

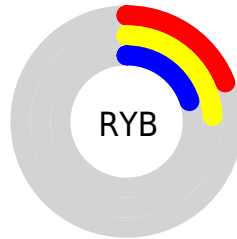
Distribution



Red (23%)

Green (24%)

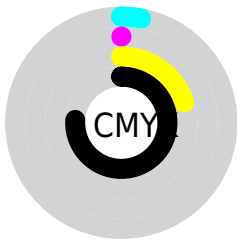
Blue (19%)



Red (19%)

Yellow (24%)

Blue (20%)

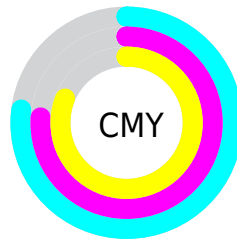


Cyan (3%)

Magenta (0%)

Yellow (20%)

Black (76%)



Cyan (77%)

Magenta (76%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B3D31 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 3B3D31 by changing the saturation by 10% instead.



3B3D31



3B3D31

FFFFFF



25271C



6A6C5F



111302



838678



000000



9EA092



B8BBAC



D4D6C7



F1F3E3



3B3D31



3B3D31



3A3D2B



3C3D37

■ 393D25

■ 3D3D3D

■ 383D1F

■ 3E3D43

■ 373D19

■ 3F3D49

■ 363D13

■ 403D50

■ 353D0C

■ 413D56

■ 343D06

■ 423D5C

■ 333D00

■ 433D62

■ 443D68

Harmonies

Analogous

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



413B30



3B3D31



343E35

Triad

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



3B3D31



2E3E45



47383D

Complementary

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



3B3D31



33313D

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.



433943



3B3D31



343D48

Square

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



3B3D31



2C3F41



3C3B47



483837

Rectangle

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



3B3D31



303F39



3C3B47



46383F

Sweetspot

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



3B3D31



4E4F4A



3D3331



282926



A8A8A8



292929

Same Dimension

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



3B3D31



4C4F3C



353D31



1E1F1C



4F5E00



B9DE00

Inverse Universe

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



33313D



3F3C4F



39313D



1C1C1F



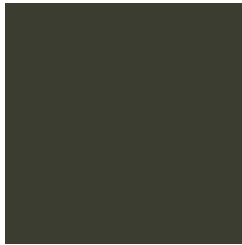
10005E



2500DE

Previews

White Background



This preview shows how the Hex color 3B3D31 looks on a white background.

Color Contrast Check

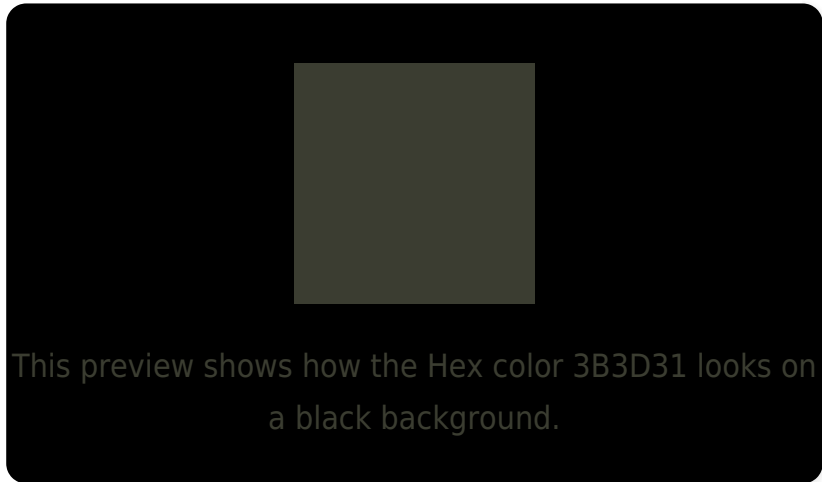
Large Text (above 18pt) WCAG AA ✓ Pass

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

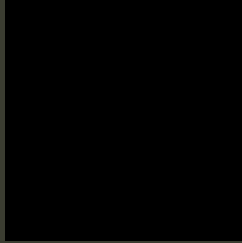
Any Text WCAG AA × Fail

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 3B3D31 Background



This preview shows how black text looks on a background with the Hex color 3B3D31.

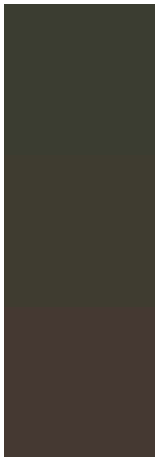


This preview shows how white text looks on a background with the Hex color 3B3D31.

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
3B3D31

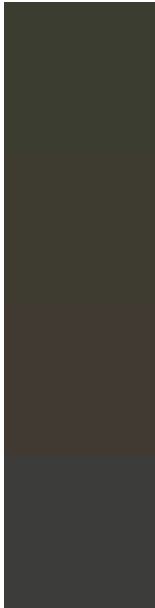
Protanopia
3F3C30

Deuteranopia
453932



Tritanopia
3D3B40

Trichromacy



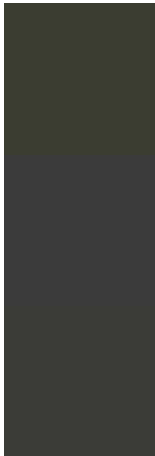
Original Color
3B3D31

Protanomaly
3E3C30

Deuteranomaly
413A32

Tritanomaly
3C3C3B

Monochromacy



Original Color
3B3D31

Achromatopsia
3B3B3B

Achromatomaly
3B3C37

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B3D31 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 #3B3D31 looks like.

```
.text, #text, p{  
    color:#3B3D31  
}
```

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 #3B3D31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B3D31
}
```

Border

The CSS property to change the border of an element to Hex 3B3D31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

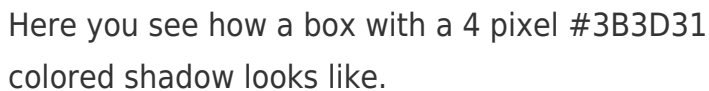
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B3D31 }
```

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

```
.border{ border-color:#3B3D31 }
```

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



Here you see how a box with a 4 pixel #3B3D31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B3D31; -webkit-box-shadow:4px 4px  
4px 4px #3B3D31; box-shadow:4px 4px 4px  
4px #3B3D31 }
```

Background

The CSS property to change the background color of an element to Hex 3B3D31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B3D31 }
```

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

```
.background{ background-color:#3B3D31 }
```

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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