

Converting Colors

Hex(3B3D2E)

Have a look what the booklet for
Hex(3B3D2E) contains.

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Color

Hex(3B3D2E)

Conversions

Conversions Part 1

Format	Color
Hex	3B3D2E
RGB	59, 61, 46
RGB Percent	23%, 24%, 18%
CMY	0.7686, 0.7608, 0.8196
CMYK	0.03, 0.00, 0.25, 0.76
HSL	68°, 14%, 21%
HSV	68°, 25%, 24%
XYZ	3.9655, 4.4646, 3.2375
YIQ	58.6920, 3.6230, -5.0890

Conversions

Conversions Part 2

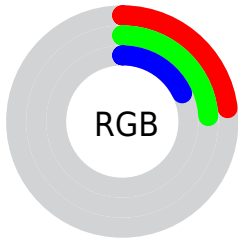
Format	Color
RYB	46, 61, 48
Decimal	3882286
CIELab	25.15, -3.96, 8.99
CIElCh	25, 9.824, 113.772
Yxy	4.4646, 0.3399, 0.3826
Android (android.graphics.Color)	4282072366 (0xFF3B3D2E)
YUV	58.6920, -6.2572, 0.2701
Hunter-Lab	21.1295, -3.4762, 5.7061

Details

The Hex color **3B3D2E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **302E3D**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6A6C5C**, and **111300** is the 20% darker color. If you saturate the color by 10%, you get **3A3D28**, and if you desaturate by 10%, it is **3C3D34**.

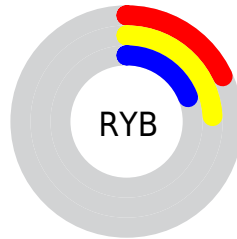
Distribution



Red (23%)

Green (24%)

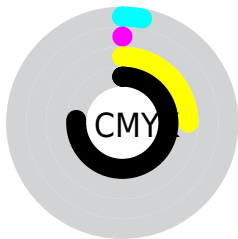
Blue (18%)



Red (18%)

Yellow (24%)

Blue (19%)

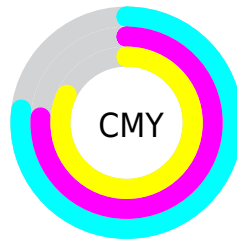


Cyan (3%)

Magenta (0%)

Yellow (25%)

Black (76%)



Cyan (77%)

Magenta (76%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B3D2E 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 3B3D2E by changing the saturation by 10% instead.



3B3D2E



3B3D2E

FFFFFF



252719



6A6C5C



111300



848674



000000



9EA08E



B9BBA8



D4D6C4



F1F3E0



FFFFFFC



3B3D2E



3B3D2E

■ 3A3D28

■ 3C3D34

■ 393D22

■ 3D3D3A

■ 393D1C

■ 3D3D40

■ 383D16

■ 3E3D46

■ 373D0F

■ 3F3D4D

■ 363D09

■ 403D53

■ 353D03

■ 413D59

■ 353D00

■ 423D5F

■ 423D65

Harmonies

Analogous

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



433B2D



3B3D2E



333F33

Triad

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



3B3D2E



293F47



49373D

Complementary

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



3B3D2E



302E3D

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.



443844



3B3D2E



313D4A

Square

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



3B3D2E



274041



3B3A49



4B3736

Rectangle

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



3B3D2E



2D4037



3B3A49



483740

Sweetspot

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



3B3D2E



4E4F4A



3D302E



282926



A8A8A8



292929

Same Dimension

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



3B3D2E



4C4F37



343D2E



1E1F1C



525E00



CODE00

Inverse Universe

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



302E3D



3A374F



382E3D



1C1C1F



0D005E



1E00DE

Previews

White Background



This preview shows how the Hex color 3B3D2E looks on a white background.

Color Contrast Check

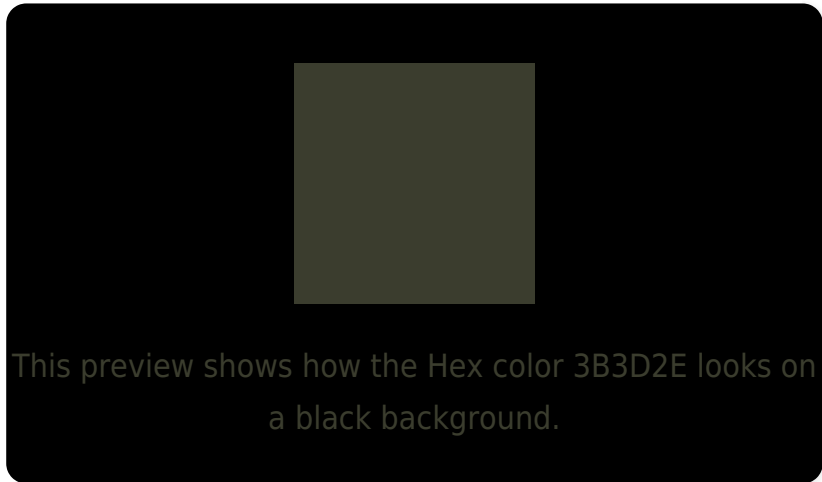
Large Text (above 18pt) WCAG AA ✓ Pass

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

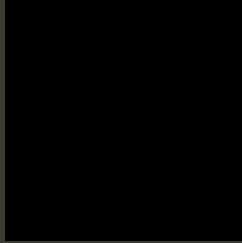
Any Text WCAG AA × Fail

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 3B3D2E Background



This preview shows how black text looks on a background with the Hex color 3B3D2E.

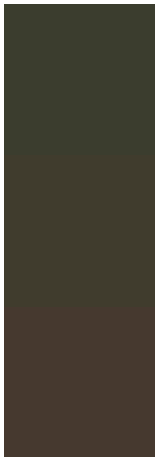


This preview shows how white text looks on a background with the Hex color 3B3D2E.

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
3B3D2E

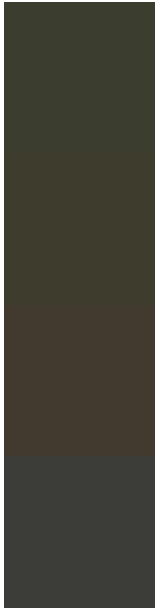
Protanopia
403C2D

Deuteranopia
46392F



Tritanopia
3D3B3F

Trichromacy



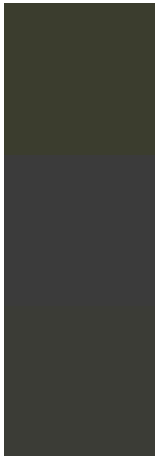
Original Color
3B3D2E

Protanomaly
3E3C2D

Deuteranomaly
423A2F

Tritanomaly
3C3C39

Monochromacy



Original Color
3B3D2E

Achromatopsia
3B3B3B

Achromatomaly
3B3C36

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B3D2E 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 #3B3D2E looks like.

```
.text, #text, p{  
    color:#3B3D2E  
}
```

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 #3B3D2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B3D2E
}
```

Border

The CSS property to change the border of an element to Hex 3B3D2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

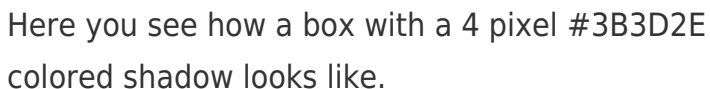
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B3D2E }
```

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

```
.border{ border-color:#3B3D2E }
```

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



Here you see how a box with a 4 pixel #3B3D2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B3D2E; -webkit-box-shadow:4px 4px  
4px 4px #3B3D2E; box-shadow:4px 4px 4px  
4px #3B3D2E }
```

Background

The CSS property to change the background color of an element to Hex 3B3D2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B3D2E }
```

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

```
.background{ background-color:#3B3D2E }
```

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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