

Converting Colors

Hex(3B3742)

Have a look what the booklet for
Hex(3B3742) contains.

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Color

Hex(3B3742)

Conversions

Conversions Part 1

Format	Color
Hex	3B3742
RGB	59, 55, 66
RGB Percent	23%, 22%, 26%
CMY	0.7686, 0.7843, 0.7412
CMYK	0.11, 0.17, 0.00, 0.74
HSL	262°, 9%, 24%
HSV	262°, 17%, 26%
XYZ	4.1532, 4.0555, 5.7182
YIQ	57.4500, -1.1470, 4.2690

Conversions

Conversions Part 2

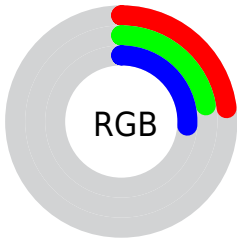
Format	Color
R_{YB}	59, 55, 66
Decimal	3880770
CIE Lab	23.85, 4.32, -6.18
CIE LCh	24, 7.545, 304.975
Yxy	4.0555, 0.2982, 0.2912
Android (android.graphics.Color)	4282070850 (0xFF3B3742)
YUV	57.4500, 4.2152, 1.3594
Hunter-Lab	20.1383, 1.5705, -2.7382

Details

The Hex color **3B3742** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3E4237**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **6A6672**, and **110B18** is the 20% darker color. If you saturate the color by 10%, you get **373042**, and if you desaturate by 10%, it is **3F3E42**.

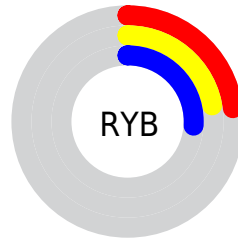
Distribution



Red (23%)

Green (22%)

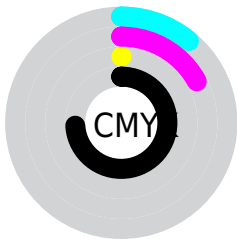
Blue (26%)



Red (23%)

Yellow (22%)

Blue (26%)

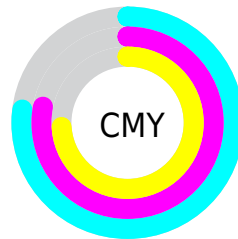


Cyan (11%)

Magenta (17%)

Yellow (0%)

Black (74%)



Cyan (77%)

Magenta (78%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B3742 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 3B3742 by changing the saturation by 10% instead.

■ 3B3742

■ 3B3742

FFFFFF

■ 25222C

■ 6A6672

■ 110B18

■ 837F8B

■ 000000

■ 9E99A6

■ B8B3C1

■ D4CFDD

■ F0EBF9

■ 3B3742

■ 3B3742

■ 373042

■ 3F3E42

■ 332A42

■ 434442

■ 2E2342

■ 484B42

■ 2A1D42

■ 4C5142

■ 261642

■ 505842

■ 220F42

■ 545F42

■ 1E0942

■ 586542

■ 190242

■ 5D6C42

■ 180042

■ 617242

Harmonies

Analogous

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



343944



3B3742



41353E

Triad

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



3B3742



41372F



2B3C3A

Complementary

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



3B3742



3E4237

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.



303C34



3B3742



3C392E

Square

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



3B3742



443533



363A2F



2A3C3F

Rectangle

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



3B3742



44353A



363A2F



2C3C38

Sweetspot

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



3B3742



545257



373E42



2A292B



ABABAB



2B2B2B

Same Dimension

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



3B3742



4C4557



403742



1F1E21



230061



5200E0

Inverse Universe

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



42373E



574550



394237



211E20



61003E



E0008F

Previews

White Background



This preview shows how the Hex color 3B3742 looks on a white background.

Color Contrast Check

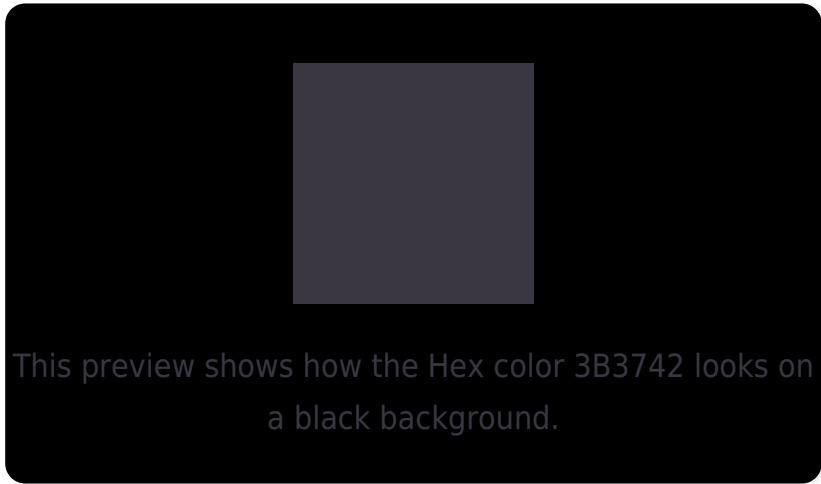
Large Text (above 18pt) WCAG AA ✓ Pass

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

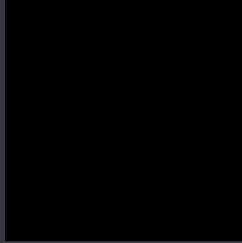
Any Text WCAG AA × Fail

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 3B3742 Background



This preview shows how black text looks on a background with the Hex color 3B3742.

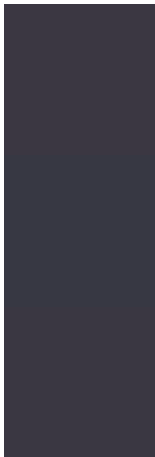


This preview shows how white text looks on a background with the Hex color 3B3742.

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
3B3742

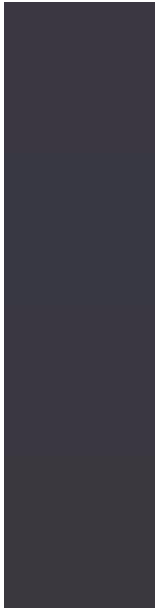
Protanopia
373843

Deuteranopia
3A3742



Tritanopia
3A383C

Trichromacy



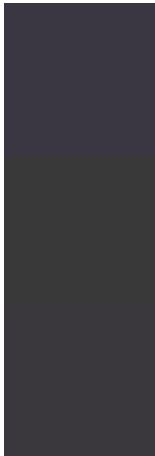
Original Color
3B3742

Protanomaly
383843

Deuteranomaly
3A3742

Tritanomaly
3A383E

Monochromacy



Original Color
3B3742

Achromatopsia
393939

Achromatomaly
3A383C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B3742 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 #3B3742 looks like.

```
.text, #text, p{  
    color:#3B3742  
}
```

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 #3B3742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B3742
}
```

Border

The CSS property to change the border of an element to Hex 3B3742 is called "border". The border property can be set on classes, ids or directly on the HTML element.

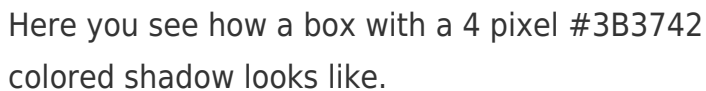
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B3742 }
```

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

```
.border{ border-color:#3B3742 }
```

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



Here you see how a box with a 4 pixel #3B3742 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B3742; -webkit-box-shadow:4px 4px  
4px 4px #3B3742; box-shadow:4px 4px 4px  
4px #3B3742 }
```

Background

The CSS property to change the background color of an element to Hex 3B3742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B3742 }
```

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

```
.background{ background-color:#3B3742 }
```

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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