

Converting Colors

Hex(3B3449)

Have a look what the booklet for
Hex(3B3449) contains.

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Color

Hex(3B3449)

Conversions

Conversions Part 1

Format	Color
Hex	3B3449
RGB	59, 52, 73
RGB Percent	23%, 20%, 29%
CMY	0.7686, 0.7961, 0.7137
CMYK	0.19, 0.29, 0.00, 0.71
HSL	260°, 17%, 25%
HSV	260°, 29%, 29%
XYZ	4.2342, 3.8668, 6.8265
YIQ	56.4870, -2.5690, 8.0150

Conversions

Conversions Part 2

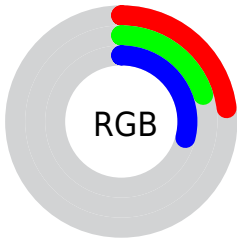
Format	Color
R_{YB}	59, 52, 73
Decimal	3880009
CIE Lab	23.23, 8.17, -11.82
CIE LCh	23, 14.370, 304.648
Yxy	3.8668, 0.2837, 0.2590
Android (android.graphics.Color)	4282070089 (0xFF3B3449)
YUV	56.4870, 8.1409, 2.2039
Hunter-Lab	19.6643, 4.0232, -6.8178

Details

The Hex color **3B3449** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **424934**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **6B627A**, and **11071E** is the 20% darker color. If you saturate the color by 10%, you get **362D49**, and if you desaturate by 10%, it is **403B49**.

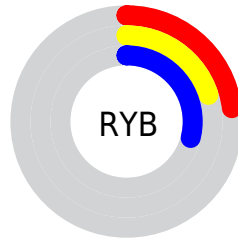
Distribution



 Red (23%)

 Green (20%)

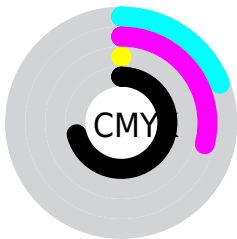
 Blue (29%)



 Red (23%)

 Yellow (20%)

 Blue (29%)

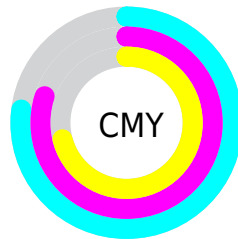


 Cyan (19%)

 Magenta (29%)

 Yellow (0%)

 Black (71%)



 Cyan (77%)

 Magenta (80%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B3449 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 3B3449 by changing the saturation by 10% instead.



3B3449



3B3449

FFFFFF



251F32



6B627A



11071E



847B93



000000



9E95AE



B9B0C9



D5CBE6



F1E7FF



3B3449



3B3449



362D49



403B49

■ 312549

■ 454349

■ 2C1E49

■ 4A4A49

■ 281749

■ 4E5149

■ 230F49

■ 535949

■ 1E0849

■ 586049

■ 190149

■ 5D6749

■ 180049

■ 626E49

■ 677649

Harmonies

Analogous

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



2C384D



3B3449



463141

Triad

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



3B3449



463424



193D39

Complementary

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



3B3449



424934

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.



253C2E



3B3449



3D3722

Square

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



3B3449



4C302C



323A25



143D43

Rectangle

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



3B3449



4B2F3A



323A25



1D3D35

Sweetspot

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



3B3449



59565E



344249



2D2B30



B0B0B0



303030

Same Dimension

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



3B3449



483D5E



463449



212024



210063



4C00E3

Inverse Universe

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



493442



5E3D53



374934



242023



630042



E30097

Previews

White Background



This preview shows how the Hex color 3B3449 looks on a white background.

Color Contrast Check

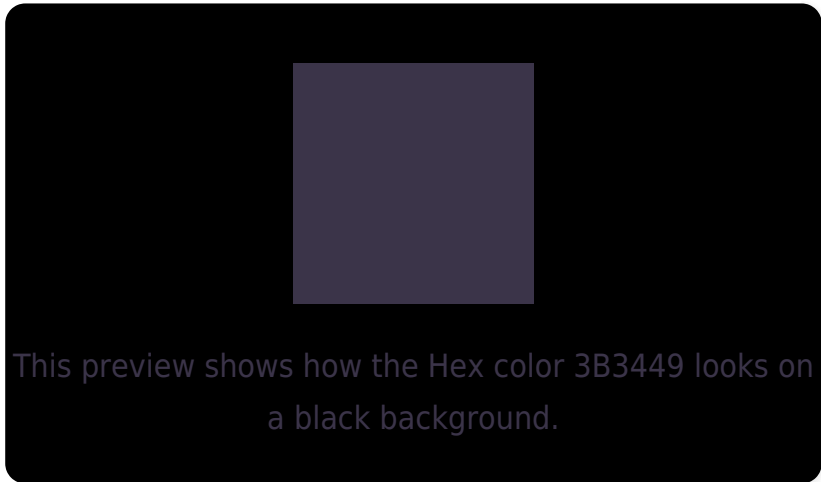
Large Text (above 18pt) WCAG AA ✓ Pass

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

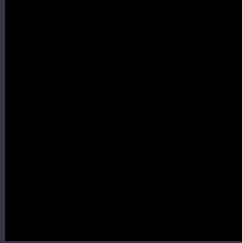
Any Text WCAG AA × Fail

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 3B3449 Background



This preview shows how black text looks on a background with the Hex color 3B3449.

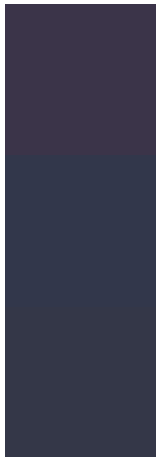


This preview shows how white text looks on a background with the Hex color 3B3449.

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
3B3449

Protanopia
32374B

Deuteranopia
343748



Tritanopia
39373B

Trichromacy



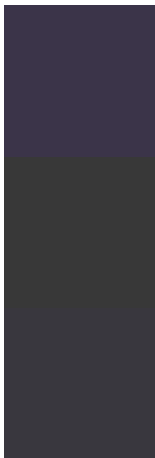
Original Color
3B3449

Protanomaly
35364A

Deuteranomaly
373648

Tritanomaly
3A3640

Monochromacy



Original Color
3B3449

Achromatopsia
383838

Achromatomaly
39373E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B3449 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 #3B3449 looks like.

```
.text, #text, p{  
    color:#3B3449  
}
```

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 #3B3449 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B3449
}
```

Border

The CSS property to change the border of an element to Hex 3B3449 is called "border". The border property can be set on classes, ids or directly on the HTML element.

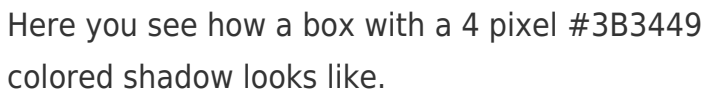
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B3449 }
```

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

```
.border{ border-color:#3B3449 }
```

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



Here you see how a box with a 4 pixel #3B3449 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B3449; -webkit-box-shadow:4px 4px  
4px 4px #3B3449; box-shadow:4px 4px 4px  
4px #3B3449 }
```

Background

The CSS property to change the background color of an element to Hex 3B3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B3449 }
```

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

```
.background{ background-color:#3B3449 }
```

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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