

Converting Colors

Hex(3B3E64)

Have a look what the booklet for
Hex(3B3E64) contains.

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Color

Hex(3B3E64)

Conversions

Conversions Part 1

Format	Color
Hex	3B3E64
RGB	59, 62, 100
RGB Percent	23%, 24%, 39%
CMY	0.7686, 0.7569, 0.6078
CMYK	0.41, 0.38, 0.00, 0.61
HSL	236°, 26%, 31%
HSV	236°, 41%, 39%
XYZ	5.8265, 5.2952, 12.7716
YIQ	65.4350, -13.9860, 11.1820

Conversions

Conversions Part 2

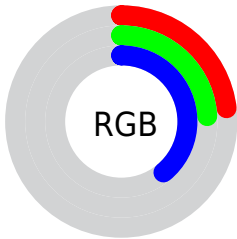
Format	Color
R_{YB}	59, 62, 100
Decimal	3882596
CIE Lab	27.56, 9.39, -22.80
CIE LCh	28, 24.658, 292.388
Yxy	5.2952, 0.2439, 0.2216
Android (android.graphics.Color)	4282072676 (0xFF3B3E64)
YUV	65.4350, 17.0405, -5.6435
Hunter-Lab	23.0112, 4.9271, -16.7990

Details

The Hex color **3B3E64** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **64613B**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **6C6D97**, and **0B1435** is the 20% darker color. If you saturate the color by 10%, you get **313564**, and if you desaturate by 10%, it is **454764**.

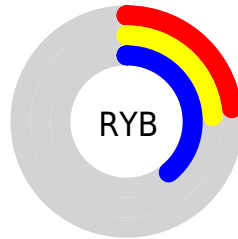
Distribution



Red (23%)

Green (24%)

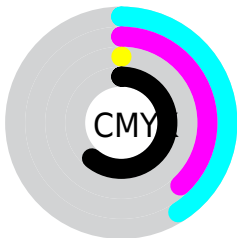
Blue (39%)



Red (23%)

Yellow (24%)

Blue (39%)

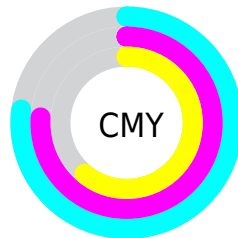


Cyan (41%)

Magenta (38%)

Yellow (0%)

Black (61%)



Cyan (77%)

Magenta (76%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B3E64 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 3B3E64 by changing the saturation by 10% instead.



3B3E64



3B3E64

FFFFFF



24284C



6C6D97



0B1435



8687B2



000220



A0A1CD



000003



BCBCEA



000000



D8D8FF



F4F4FF



3B3E64



3B3E64



313564



454764

■ 272B64

■ 4F5164

■ 1D2264

■ 595A64

■ 131964

■ 636364

■ 091064

■ 6D6C64

■ 000764

■ 777664

■ 817F64

■ 8B8864

■ 959164

Harmonies

Analogous

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



134466



3B3E64



543758

Triad

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



3B3E64



5E3724



034A3B

Complementary

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



3B3E64



64613B

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.



284829



3B3E64



513E1B

Square

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



3B3E64



653234



3E441D



004B4F

Rectangle

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



3B3E64



5E334D



3E441D



144A35

Sweetspot

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



3B3E64



727482



3B6461



393A42



C2C2C2



424242

Same Dimension

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



3B3E64



424782



4C3B64



2E2E33



000873



0012F2

Inverse Universe

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



643B3E



824247



53643B



332E2E



730008



F20012

Previews

White Background



This preview shows how the Hex color 3B3E64 looks on a white background.

Color Contrast Check

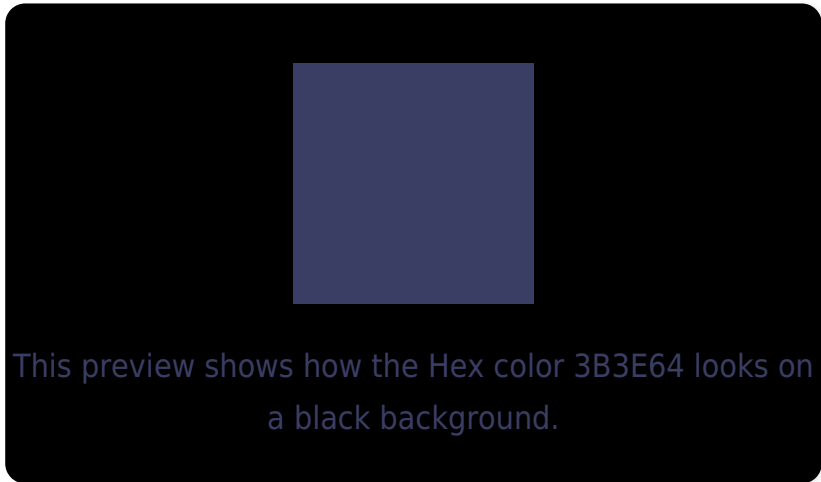
Large Text (above 18pt) WCAG AA ✓ Pass

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

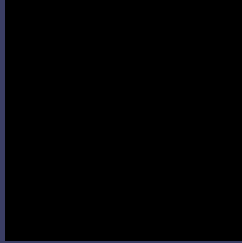
Any Text WCAG AA × Fail

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 3B3E64 Background



This preview shows how black text looks on a background with the Hex color 3B3E64.



This preview shows how white text looks on a background with the Hex color 3B3E64.

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
3B3E64

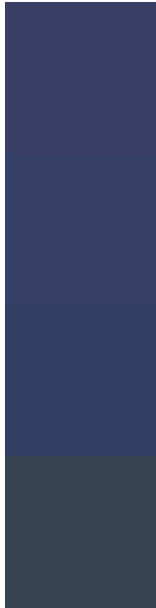
Protanopia
334066

Deuteranopia
304163



Tritanopia
344449

Trichromacy



Original Color
3B3E64

Protanomaly
363F65

Deuteranomaly
344063

Tritanomaly
374253

Monochromacy



Original Color
3B3E64

Achromatopsia
414141

Achromatomaly
3F404E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B3E64 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 #3B3E64 looks like.

```
.text, #text, p{  
    color:#3B3E64  
}
```

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 #3B3E64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B3E64
}
```

Border

The CSS property to change the border of an element to Hex 3B3E64 is called "border". The border property can be set on classes, ids or directly on the HTML element.

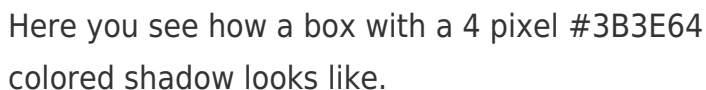
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B3E64 }
```

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

```
.border{ border-color:#3B3E64 }
```

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



Here you see how a box with a 4 pixel #3B3E64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B3E64; -webkit-box-shadow:4px 4px  
4px 4px #3B3E64; box-shadow:4px 4px 4px  
4px #3B3E64 }
```

Background

The CSS property to change the background color of an element to Hex 3B3E64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B3E64 }
```

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

```
.background{ background-color:#3B3E64 }
```

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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