

Converting Colors

Hex(3B3E50)

Have a look what the booklet for
Hex(3B3E50) contains.

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Color

Hex(3B3E50)

Conversions

Conversions Part 1

Format	Color
Hex	3B3E50
RGB	59, 62, 80
RGB Percent	23%, 24%, 31%
CMY	0.7686, 0.7569, 0.6863
CMYK	0.26, 0.22, 0.00, 0.69
HSL	231°, 15%, 27%
HSV	231°, 26%, 31%
XYZ	4.9742, 4.9542, 8.2835
YIQ	63.1550, -7.5660, 4.9620

Conversions

Conversions Part 2

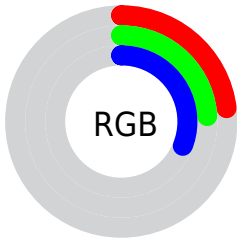
Format	Color
R_{YB}	59, 62, 80
Decimal	3882576
CIE Lab	26.60, 3.39, -11.29
CIE LCh	27, 11.787, 286.698
Yxy	4.9542, 0.2731, 0.2720
Android (android.graphics.Color)	4282072656 (0xFF3B3E50)
YUV	63.1550, 8.3046, -3.6439
Hunter-Lab	22.2581, 0.9393, -6.4845

Details

The Hex color **3B3E50** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **504D3B**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **6B6D81**, and **101423** is the 20% darker color. If you saturate the color by 10%, you get **333750**, and if you desaturate by 10%, it is **434550**.

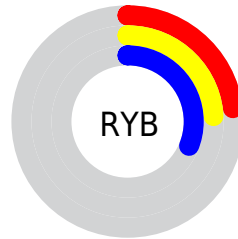
Distribution



Red (23%)

Green (24%)

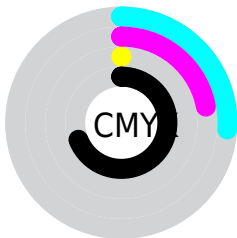
Blue (31%)



Red (23%)

Yellow (24%)

Blue (31%)

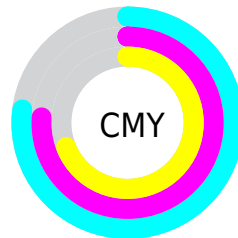


Cyan (26%)

Magenta (22%)

Yellow (0%)

Black (69%)



Cyan (77%)

Magenta (76%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B3E50 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 3B3E50 by changing the saturation by 10% instead.

■ 3B3E50

■ 3B3E50

FFFFFF

■ 252839

■ 6B6D81

■ 101423

■ 84879B

■ 00010D

■ 9EA1B6

■ 000000

■ B9BCD2

■ D5D8EE

■ F1F4FF

■ 3B3E50

■ 3B3E50

■ 333750

■ 434550

■ 2B3050

■ 4B4C50

■ 232950

■ 535350

■ 1B2350

■ 5B5950

■ 131C50

■ 636050

■ 0B1550

■ 6B6750

■ 030E50

■ 736E50

■ 000B50

■ 7B7550

■ 837C50

Harmonies

Analogous

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



2F4150



3B3E50



463B4B

Triad

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



3B3E50



4F3A32



2C443A

Complementary

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



3B3E50



504D3B

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.



364232



3B3E50



493D2E

Square

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



3B3E50



51393A



40402E



264444

Rectangle

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



3B3E50



4C3946



40402E



2F4338

Sweetspot

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



3B3E50



606169



3B504D



303136



B5B5B5



363636

Same Dimension

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



3B3E50



474C69



423B50



252529



000F69



0021E8

Inverse Universe

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



503B3E



69474C



49503B



292525



69000F



E80021

Previews

White Background



This preview shows how the Hex color 3B3E50 looks on a white background.

Color Contrast Check

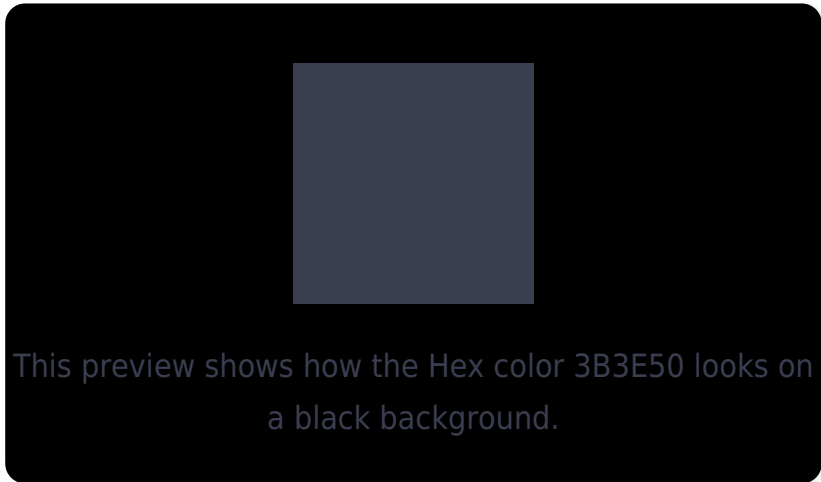
Large Text (above 18pt) WCAG AA ✓ Pass

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

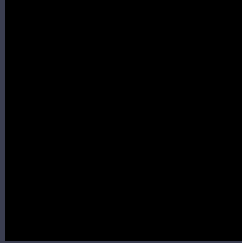
Any Text WCAG AA × Fail

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 3B3E50 Background



This preview shows how black text looks on a background with the Hex color 3B3E50.



This preview shows how white text looks on a background with the Hex color 3B3E50.

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](#).

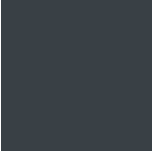
Dichromacy



Original Color
3B3E50

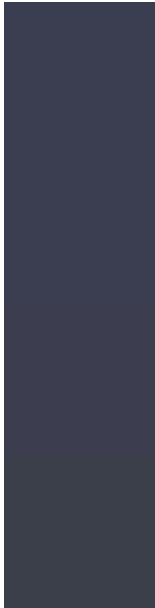
Protanopia
3A3E50

Deuteranopia
3C3E50



Tritanopia
394045

Trichromacy



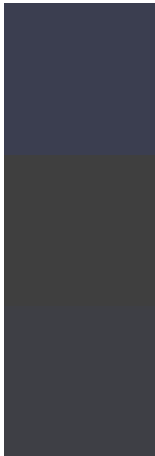
Original Color
3B3E50

Protanomaly
3A3E50

Deuteranomaly
3C3E50

Tritanomaly
3A3F49

Monochromacy



Original Color
3B3E50

Achromatopsia
3F3F3F

Achromatomaly
3E3F45

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B3E50 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 #3B3E50 looks like.

```
.text, #text, p{  
    color:#3B3E50  
}
```

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 #3B3E50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B3E50
}
```

Border

The CSS property to change the border of an element to Hex 3B3E50 is called "border". The border property can be set on classes, ids or directly on the HTML element.

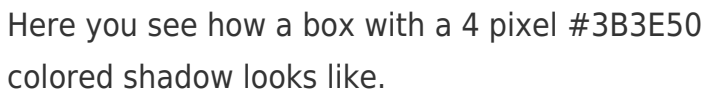
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B3E50 }
```

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

```
.border{ border-color:#3B3E50 }
```

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



Here you see how a box with a 4 pixel #3B3E50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B3E50; -webkit-box-shadow:4px 4px  
4px 4px #3B3E50; box-shadow:4px 4px 4px  
4px #3B3E50 }
```

Background

The CSS property to change the background color of an element to Hex 3B3E50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B3E50 }
```

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

```
.background{ background-color:#3B3E50 }
```

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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