

Converting Colors

Hex(3A3E50)

Have a look what the booklet for
Hex(3A3E50) contains.

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Color

Hex(3A3E50)

Conversions

Conversions Part 1

Format	Color
Hex	3A3E50
RGB	58, 62, 80
RGB Percent	23%, 24%, 31%
CMY	0.7725, 0.7569, 0.6863
CMYK	0.28, 0.22, 0.00, 0.69
HSL	229°, 16%, 27%
HSV	229°, 28%, 31%
XYZ	4.9155, 4.9240, 8.2808
YIQ	62.8560, -8.1620, 4.7500

Conversions

Conversions Part 2

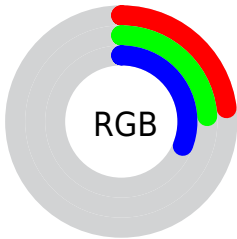
Format	Color
RYB	58, 61, 80
Decimal	3817040
CIELab	26.52, 3.02, -11.43
CIElCh	27, 11.823, 284.813
Yxy	4.9240, 0.2713, 0.2717
Android (android.graphics.Color)	4282007120 (0xFF3A3E50)
YUV	62.8560, 8.4520, -4.2587
Hunter-Lab	22.1900, 0.7086, -6.5925

Details

The Hex color **3A3E50** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **504C3A**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **6A6D81**, and **0F1423** is the 20% darker color. If you saturate the color by 10%, you get **323750**, and if you desaturate by 10%, it is **424550**.

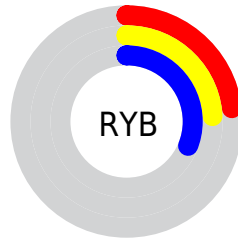
Distribution



Red (23%)

Green (24%)

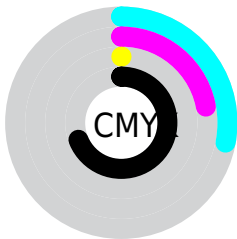
Blue (31%)



Red (23%)

Yellow (24%)

Blue (31%)

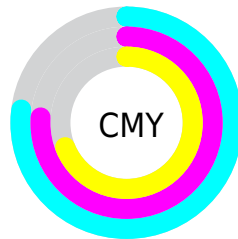


Cyan (28%)

Magenta (22%)

Yellow (0%)

Black (69%)



Cyan (77%)

Magenta (76%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A3E50 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 3A3E50 by changing the saturation by 10% instead.

■ 3A3E50

■ 3A3E50

FFFFFF

■ 242839

■ 6A6D81

■ 0F1423

■ 83879B

■ 00010D

■ 9DA1B6

■ 000000

■ B8BCD2

■ D4D8EE

■ F0F4FF

■ 3A3E50

■ 3A3E50

■ 323750

■ 424550

■ 2A3150

■ 4A4B50

■ 222A50

■ 525250

■ 1A2450

■ 5A5850

■ 121D50

■ 625F50

■ 0A1750

■ 6A6550

■ 021050

■ 726C50

■ 000F50

■ 7A7250

■ 827950

Harmonies

Analogous

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



2E4150



3A3E50



463B4C

Triad

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



3A3E50



4F3A32



2D433A

Complementary

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



3A3E50



504C3A

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.



374232



3A3E50



4A3D2E

Square

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



3A3E50



51383B



41402D



264443

Rectangle

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



3A3E50



4C3947



41402D



304337

Sweetspot

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



3A3E50



606269



3A504C



303136



B5B5B5



363636

Same Dimension

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



3A3E50



464C69



413A50



252529



001369



002AE8

Inverse Universe

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



503A3E



69464C



49503A



292525



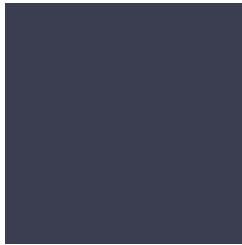
690013



E8002A

Previews

White Background



This preview shows how the Hex color 3A3E50 looks on a white background.

Color Contrast Check

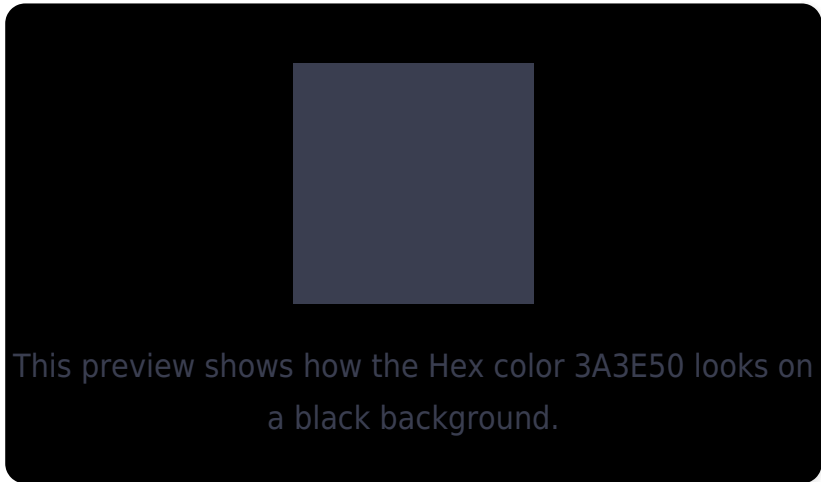
Large Text (above 18pt) WCAG AA ✓ Pass

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

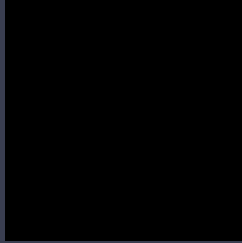
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

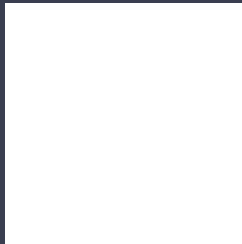
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3A3E50 Background



This preview shows how black text looks on a background with the Hex color 3A3E50.

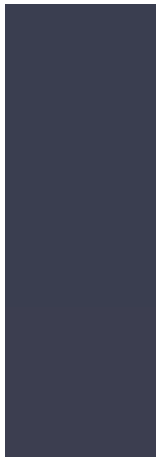


This preview shows how white text looks on a background with the Hex color 3A3E50.

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
3A3E50

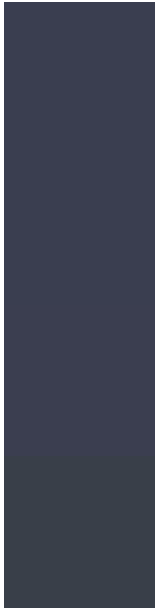
Protanopia
3A3E50

Deuteranopia
3C3E50



Tritanopia
384045

Trichromacy



Original Color

3A3E50

Protanomaly

3A3E50

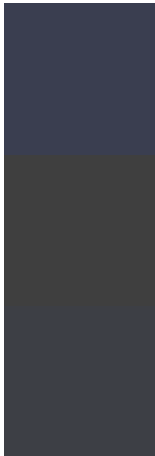
Deuteranomaly

3B3E50

Tritanomaly

393F49

Monochromacy



Original Color

3A3E50

Achromatopsia

3F3F3F

Achromatomaly

3D3F45

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A3E50 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 #3A3E50 looks like.

```
.text, #text, p{  
    color:#3A3E50  
}
```

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 #3A3E50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3E50
}
```

Border

The CSS property to change the border of an element to Hex 3A3E50 is called "border". The border property can be set on classes, ids or directly on the HTML element.

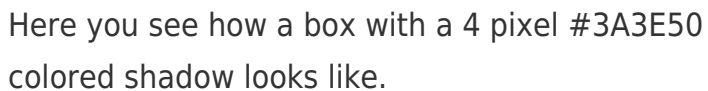
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A3E50 }
```

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

```
.border{ border-color:#3A3E50 }
```

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



Here you see how a box with a 4 pixel #3A3E50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3E50; -webkit-box-shadow:4px 4px  
4px 4px #3A3E50; box-shadow:4px 4px 4px  
4px #3A3E50 }
```

Background

The CSS property to change the background color of an element to Hex 3A3E50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3E50 }
```

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

```
.background{ background-color:#3A3E50 }
```

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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