

Converting Colors

Hex(3E4263)

Have a look what the booklet for
Hex(3E4263) contains.

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Color

Hex(3E4263)

Conversions

Conversions Part 1

Format	Color
Hex	3E4263
RGB	62, 66, 99
RGB Percent	24%, 26%, 39%
CMY	0.7569, 0.7412, 0.6118
CMYK	0.37, 0.33, 0.00, 0.61
HSL	234°, 23%, 32%
HSV	234°, 37%, 39%
XYZ	6.1870, 5.8214, 12.6019
YIQ	68.5660, -12.9770, 9.4150

Conversions

Conversions Part 2

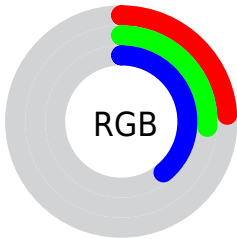
Format	Color
RYB	62, 66, 99
Decimal	4080227
CIELab	28.96, 7.35, -19.95
CIELCh	29, 21.265, 290.224
Yxy	5.8214, 0.2514, 0.2365
Android (android.graphics.Color)	4282270307 (0xFF3E4263)
YUV	68.5660, 15.0040, -5.7584
Hunter-Lab	24.1276, 3.5488, -14.0781

Details

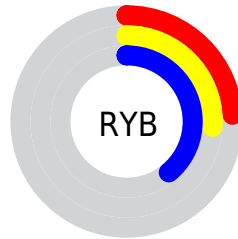
The Hex color **3E4263** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **635F3E**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6F7296**, and **101834** is the 20% darker color. If you saturate the color by 10%, you get **343963**, and if you desaturate by 10%, it is **484B63**.

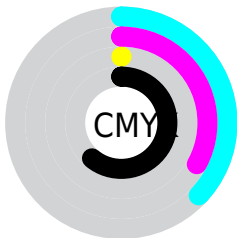
Distribution



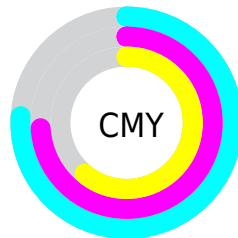
- Red (24%)
- Green (26%)
- Blue (39%)



- Red (24%)
- Yellow (26%)
- Blue (39%)



- Cyan (37%)
- Magenta (33%)
- Yellow (0%)
- Black (61%)



- Cyan (76%)
- Magenta (74%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E4263 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 3E4263 by changing the saturation by 10% instead.

■ 3E4263

■ 3E4263

FFFFFF

■ 272C4B

■ 6F7296

■ 101834

■ 898BB1

■ 00001F

■ A3A6CC

■ 000002

■ BFC1E8

■ 000000

■ DBDCFF

■ F7F9FF

■ 3E4263

■ 3E4263

■ 343963

■ 484B63

■ 2A3063

■ 525463

■ 202863

■ 5C5C63

■ 161F63

■ 666563

■ 0C1663

■ 706E63

■ 030D63

■ 797763

■ 000B63

■ 838063

■ 8D8963

■ 979163

Harmonies

Analogous

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



214864



3E4263



543C59

Triad

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



3E4263



5F3C2C



1A4D3E

Complementary

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



3E4263



635F3E

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.



314B2F



3E4263



544124

Square

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



3E4263



64383A



444725



004D4F

Rectangle

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



3E4263



5D3950



444725



224C39

Sweetspot

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



3E4263



717380



3E635F



373840



BFBFBF



404040

Same Dimension

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



3E4263



464C80



4C3E63



2C2C30



000C70



001AF0

Inverse Universe

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



633E42



80464C



55633E



302C2C



70000C



F0001A

Previews

White Background



This preview shows how the Hex color 3E4263 looks on a white background.

Color Contrast Check

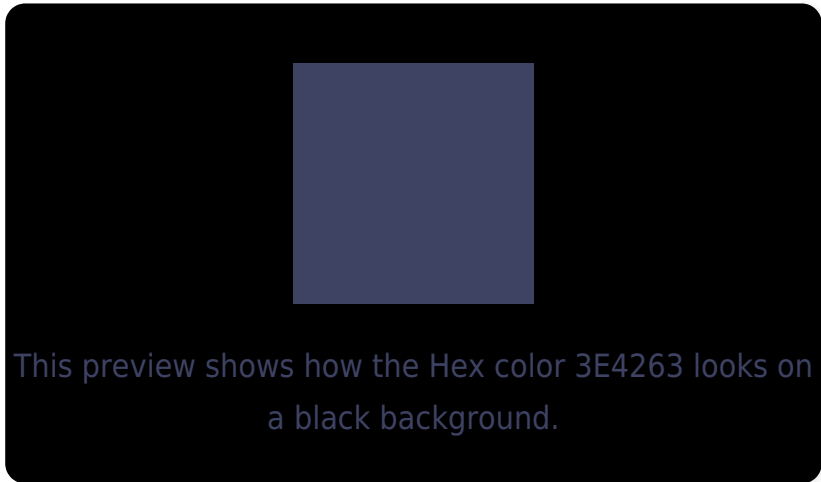
Large Text (above 18pt) WCAG AA ✓ Pass

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

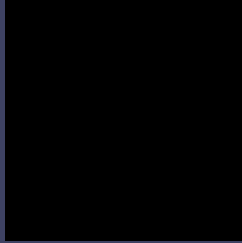
Any Text WCAG AA × Fail

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 3E4263 Background



This preview shows how black text looks on a background with the Hex color 3E4263.

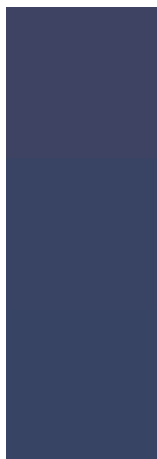


This preview shows how white text looks on a background with the Hex color 3E4263.

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

3E4263

Protanopia

394364

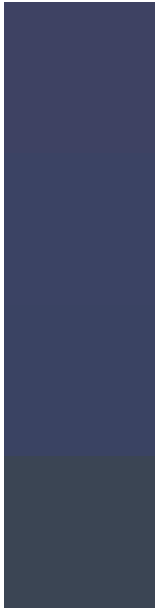
Deuteranopia

384463



Tritanopia
39474C

Trichromacy



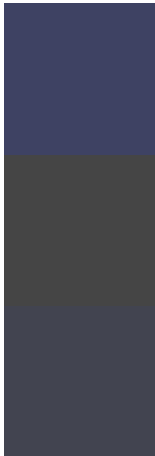
Original Color
3E4263

Protanomaly
3B4364

Deuteranomaly
3A4363

Tritanomaly
3B4554

Monochromacy



Original Color
3E4263

Achromatopsia
454545

Achromatomaly
424450

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E4263 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 #3E4263 looks like.

```
.text, #text, p{  
    color:#3E4263  
}
```

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 #3E4263 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E4263  
}
```

Border

The CSS property to change the border of an element to Hex 3E4263 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  
#3E4263 }
```

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

```
.border{ border-color:#3E4263 }
```

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

Here you see how a box with a 4 pixel #3E4263 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E4263; -webkit-box-shadow:4px 4px  
4px 4px #3E4263; box-shadow:4px 4px 4px  
4px #3E4263 }
```

Background

The CSS property to change the background color of an element to Hex 3E4263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E4263 }
```

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

```
.background{ background-color:#3E4263 }
```

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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