

# Converting Colors

Hex(3E484C)

Have a look what the booklet for  
Hex(3E484C) contains.

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# Color

Hex(3E484C)

# Conversions

## Conversions Part 1

Format	Color
Hex	3E484C
RGB	62, 72, 76
RGB Percent	24%, 28%, 30%
CMY	0.7569, 0.7176, 0.7020
CMYK	0.18, 0.05, 0.00, 0.70
HSL	197°, 10%, 27%
HSV	197°, 18%, 30%
XYZ	5.6085, 6.1807, 7.7349
YIQ	69.4660, -7.2440, -0.8760

# Conversions

## Conversions Part 2

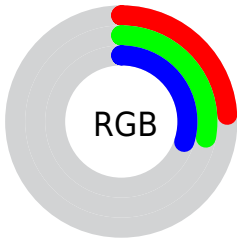
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 68, 76
Decimal	4081740
CIELab	29.86, -3.03, -3.76
CIELCh	30, 4.826, 231.099
Yxy	6.1807, 0.2873, 0.3166
Android (android.graphics.Color)	4282271820 (0xFF3E484C)
YUV	69.4660, 3.2213, -6.5477
Hunter-Lab	24.8609, -3.2381, -1.0440

# Details

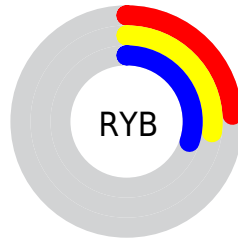
The Hex color **3E484C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4C423E**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **6E787D**, and **131D20** is the 20% darker color. If you saturate the color by 10%, you get **36464C**, and if you desaturate by 10%, it is **464A4C**.

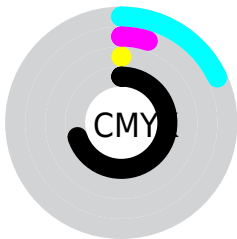
# Distribution



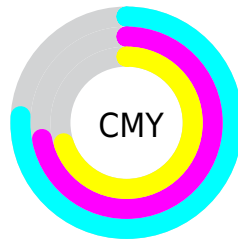
- Red (24%)
- Green (28%)
- Blue (30%)



- Red (24%)
- Yellow (27%)
- Blue (30%)



- Cyan (18%)
- Magenta (5%)
- Yellow (0%)
- Black (70%)



- Cyan (76%)
- Magenta (72%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E484C 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 3E484C by changing the saturation by 10% instead.





3E484C



3E484C

FFFFFF



283235



6E787D



131D20



879297



000009



A1ADB1



000000



BCC8CD



D8E4E9



F5FFFF



3E484C



3E484C



36464C



464A4C

■ 2F444C

■ 4D4C4C

■ 27414C

■ 554F4C

■ 203F4C

■ 5C514C

■ 183D4C

■ 64534C

■ 103B4C

■ 6C554C

■ 09394C

■ 73574C

■ 01374C

■ 7B594C

■ 00364C

■ 825C4C

# Harmonies

## Analogous

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



3D4949



3E484C



41474E

# Triad

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



3E484C



4D4448



47473F

# Complementary

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



3E484C



4C423E

# 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.



4B463F



3E484C



4F4444

# Square

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



3E484C



4A454B



4E4541



424842

# Rectangle

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



3E484C



44464E



4E4541



48473F



# Sweetspot

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



3E484C



5D6263



3E4C42



2F3233



B3B3B3



333333



# Same Dimension

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



3E484C



4E5D63



3E414C



222526



004966



00A4E6



# Inverse Universe

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



4C3E48



634E5D



4C493E



262225



660049

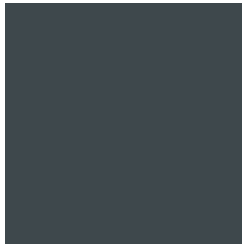


E600A4



# Previews

## White Background



This preview shows how the Hex color 3E484C looks on a white background.

## Color Contrast Check

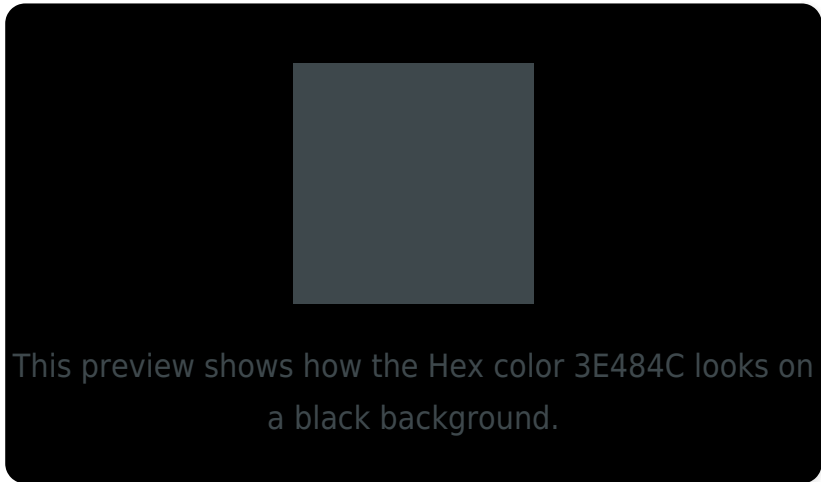
Large Text (above 18pt) WCAG AA ✓ Pass

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

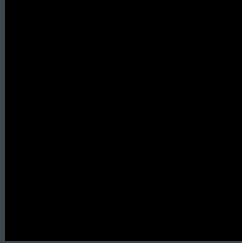
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

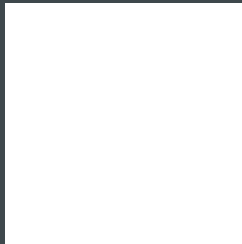
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3E484C Background



This preview shows how black text looks on a background with the Hex color 3E484C.



This preview shows how white text looks on a background with the Hex color 3E484C.

# 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](#).

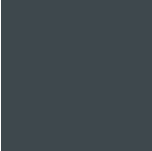
## Dichromacy



**Original Color**  
3E484C

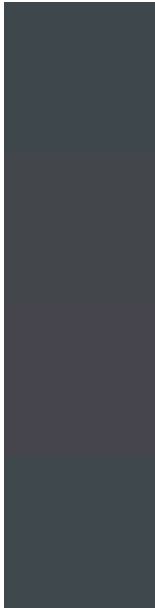
**Protanopia**  
46464B

**Deuteranopia**  
4A444D



**Tritanopia**  
3E484D

# Trichromacy



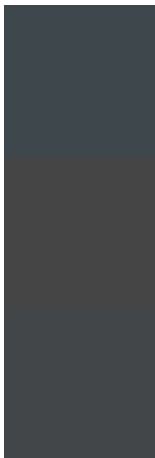
**Original Color**  
3E484C

**Protanomaly**  
43474B

**Deuteranomaly**  
46454D

**Tritanomaly**  
3E484D

# Monochromacy



**Original Color**  
3E484C

**Achromatopsia**  
454545

**Achromatomaly**  
424648

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E484C 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 #3E484C looks like.

```
.text, #text, p{  
    color:#3E484C  
}
```

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 #3E484C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E484C
}
```

## Border

The CSS property to change the border of an element to Hex 3E484C is called "border". The border property can be set on classes, ids or directly on the HTML element.

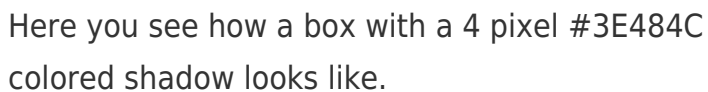
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E484C }
```

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

```
.border{ border-color:#3E484C }
```

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



Here you see how a box with a 4 pixel #3E484C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E484C; -webkit-box-shadow:4px 4px  
4px 4px #3E484C; box-shadow:4px 4px 4px  
4px #3E484C }
```

# Background

The CSS property to change the background color of an element to Hex 3E484C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E484C }
```

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

```
.background{ background-color:#3E484C }
```

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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