

Converting Colors

Hex(3E4C60)

Have a look what the booklet for
Hex(3E4C60) contains.

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Color

Hex(3E4C60)

Conversions

Conversions Part 1

Format	Color
Hex	3E4C60
RGB	62, 76, 96
RGB Percent	24%, 30%, 38%
CMY	0.7569, 0.7020, 0.6235
CMYK	0.35, 0.21, 0.00, 0.62
HSL	215°, 22%, 31%
HSV	215°, 35%, 38%
XYZ	6.6824, 7.0375, 12.0725
YIQ	74.0940, -14.7640, 3.2520

Conversions

Conversions Part 2

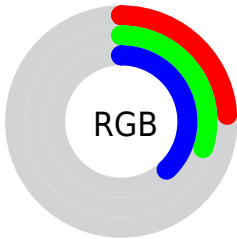
Format	Color
RYB	62, 72, 96
Decimal	4082784
CIELab	31.89, -0.07, -13.51
CIELCh	32, 13.509, 269.712
Yxy	7.0375, 0.2591, 0.2729
Android (android.graphics.Color)	4282272864 (0xFF3E4C60)
YUV	74.0940, 10.7997, -10.6064
Hunter-Lab	26.5284, -1.4614, -8.4118

Details

The Hex color **3E4C60** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **60523E**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **6F7D93**, and **112032** is the 20% darker color. If you saturate the color by 10%, you get **344660**, and if you desaturate by 10%, it is **485260**.

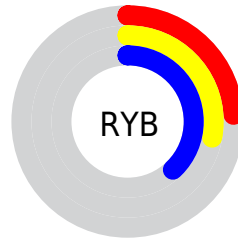
Distribution



Red (24%)

Green (30%)

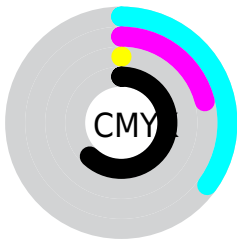
Blue (38%)



Red (24%)

Yellow (28%)

Blue (38%)

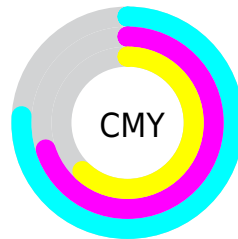


Cyan (35%)

Magenta (21%)

Yellow (0%)

Black (62%)



Cyan (76%)

Magenta (70%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E4C60 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 3E4C60 by changing the saturation by 10% instead.

■ 3E4C60

■ 3E4C60

FFFFFF

■ 273548

■ 6F7D93

■ 112032

■ 8897AD

■ 00081D

■ A3B1C9

■ 000000

■ BECDE5

■ DAE9FF

■ F7FFFF

■ 3E4C60

■ 3E4C60

■ 344660

■ 485260

■ 2B4160

■ 515760

■ 213B60

■ 5B5D60

■ 183560

■ 646360

■ 0E3060

■ 6E6860

■ 042A60

■ 786E60

■ 002860

■ 817460

■ 8B7960

■ 947F60

Harmonies

Analogous

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



314F5D



3E4C60



4D485D

Triad

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



3E4C60



604441



3B5040

Complementary

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



3E4C60



60523E

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.



484E38



3E4C60



5C4739

Square

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



3E4C60



5F434C



534A36



31514B

Rectangle

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



3E4C60



554659



534A36



3F4F3D

Sweetspot

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



3E4C60



6F757D



3E6052



373B40



BFBFBF



404040

Same Dimension

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



3E4C60



475D7D



413E60



2C2E30



002E70



0063F0

Inverse Universe

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



603E4C



7D475D



5D603E



302C2E



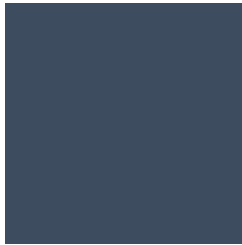
70002E



F00063

Previews

White Background



This preview shows how the Hex color 3E4C60 looks on a white background.

Color Contrast Check

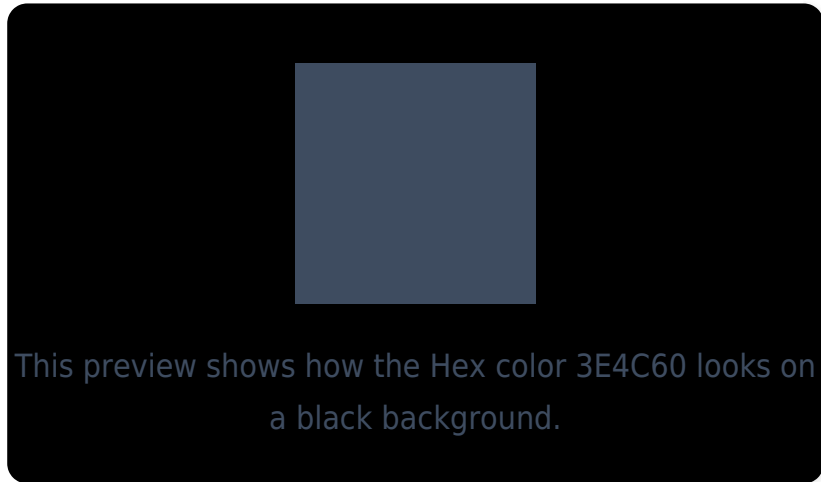
Large Text (above 18pt) WCAG AA ✓ Pass

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

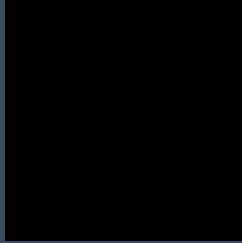
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

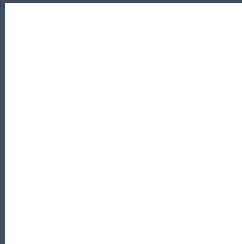
Any Text WCAG AAA × Fail

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

Hex 3E4C60 Background



This preview shows how black text looks on a background with the Hex color 3E4C60.

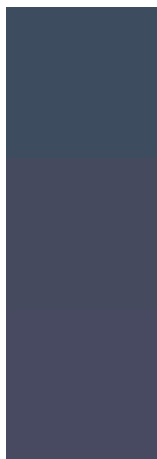


This preview shows how white text looks on a background with the Hex color 3E4C60.

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

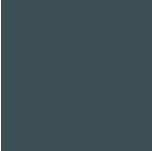
3E4C60

Protanopia

464A5F

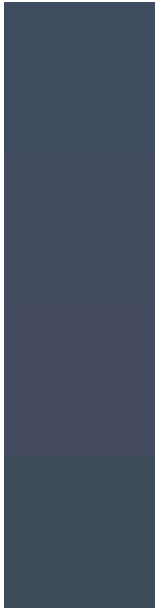
Deuteranopia

474A61



Tritanopia
3B4E54

Trichromacy



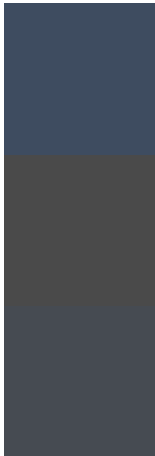
Original Color
3E4C60

Protanomaly
434B5F

Deuteranomaly
444B61

Tritanomaly
3C4D58

Monochromacy



Original Color
3E4C60

Achromatopsia
4A4A4A

Achromatomaly
464B52

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E4C60 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 #3E4C60 looks like.

```
.text, #text, p{  
    color:#3E4C60  
}
```

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 #3E4C60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E4C60
}
```

Border

The CSS property to change the border of an element to Hex 3E4C60 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
#3E4C60 }
```

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

```
.border{ border-color:#3E4C60 }
```

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

Here you see how a box with a 4 pixel #3E4C60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E4C60; -webkit-box-shadow:4px 4px  
4px 4px #3E4C60; box-shadow:4px 4px 4px  
4px #3E4C60 }
```

Background

The CSS property to change the background color of an element to Hex 3E4C60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E4C60 }
```

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

```
.background{ background-color:#3E4C60 }
```

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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