

Converting Colors

Hex(3E4F4C)

Have a look what the booklet for
Hex(3E4F4C) contains.

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Color

Hex(3E4F4C)

Conversions

Conversions Part 1

Format	Color
Hex	3E4F4C
RGB	62, 79, 76
RGB Percent	24%, 31%, 30%
CMY	0.7569, 0.6902, 0.7020
CMYK	0.22, 0.00, 0.04, 0.69
HSL	169°, 12%, 28%
HSV	169°, 22%, 31%
XYZ	6.0871, 7.1379, 7.8944
YIQ	73.5750, -9.1690, -4.5370

Conversions

Conversions Part 2

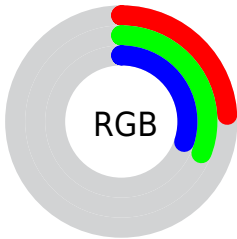
Format	Color
RYB	62, 71, 79
Decimal	4083532
CIELab	32.12, -7.36, -0.43
CIElCh	32, 7.377, 183.368
Yxy	7.1379, 0.2882, 0.3380
Android (android.graphics.Color)	4282273612 (0xFF3E4F4C)
YUV	73.5750, 1.1955, -10.1513
Hunter-Lab	26.7168, -6.0855, 1.1825

Details

The Hex color **3E4F4C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4F3E41**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **6E807D**, and **132320** is the 20% darker color. If you saturate the color by 10%, you get **364F4B**, and if you desaturate by 10%, it is **464F4D**.

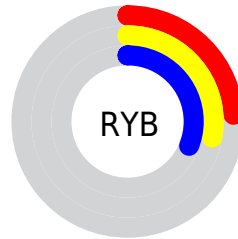
Distribution



Red (24%)

Green (31%)

Blue (30%)



Red (24%)

Yellow (28%)

Blue (31%)

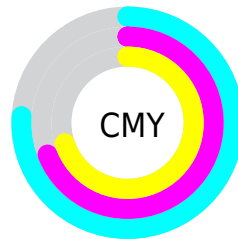


Cyan (22%)

Magenta (0%)

Yellow (4%)

Black (69%)



Cyan (76%)

Magenta (69%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E4F4C 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 3E4F4C by changing the saturation by 10% instead.



3E4F4C



3E4F4C

FFFFFF



283835



6E807D



132320



879A97



000D08



A2B5B1



000000



BDD0CD



D8EDE9



F5FFFF



3E4F4C



3E4F4C



364F4B



464F4D

■ 2E4F49

■ 4E4F4F

■ 264F48

■ 564F50

■ 1E4F46

■ 5E4F52

■ 164F45

■ 664F53

■ 0F4F44

■ 6D4F54

■ 074F42

■ 754F56

■ 004F41

■ 7D4F57

■ 854F59

Harmonies

Analogous

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



434E46



3E4F4C



3D4F52

Triad

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



3E4F4C



4E4A55



554941

Complementary

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



3E4F4C



4F3E41

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.



584845



3E4F4C



544851

Square

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



3E4F4C



464C57



57484B



504B40

Rectangle

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



3E4F4C



3E4E55



57484B



564942

Sweetspot

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



3E4F4C



606665



414F3E



2F3332



B3B3B3



333333

Same Dimension

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



3E4F4C



4B6661



3E4A4F



222626



006654



00E6BD

Inverse Universe

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



4F3E41



664B50



4F433E



262223



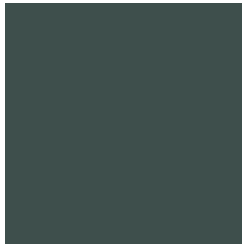
660012



E60029

Previews

White Background



This preview shows how the Hex color 3E4F4C looks on a white background.

Color Contrast Check

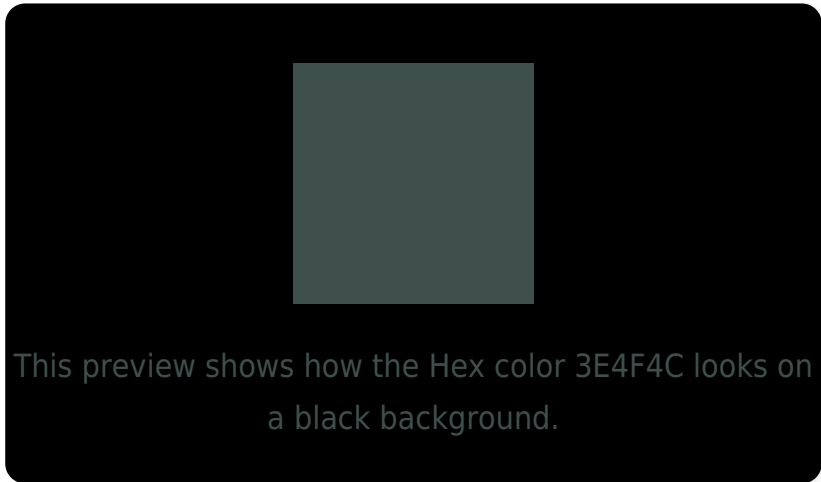
Large Text (above 18pt) WCAG AA ✓ Pass

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

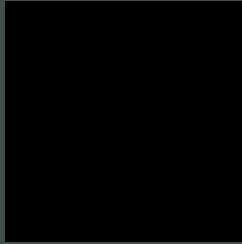
Any Text WCAG AA × Fail

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 3E4F4C Background



This preview shows how black text looks on a background with the Hex color 3E4F4C.



This preview shows how white text looks on a background with the Hex color 3E4F4C.

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](#).

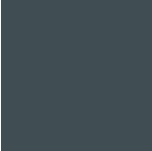
Dichromacy



Original Color
3E4F4C

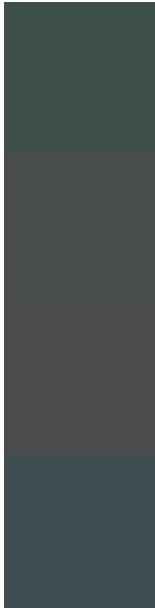
Protanopia
4D4B4A

Deuteranopia
52494D



Tritanopia
404E54

Trichromacy



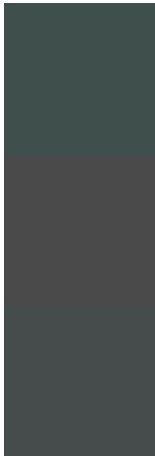
Original Color
3E4F4C

Protanomaly
484C4B

Deuteranomaly
4B4B4D

Tritanomaly
3F4E51

Monochromacy



Original Color
3E4F4C

Achromatopsia
4A4A4A

Achromatomaly
464C4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E4F4C 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 #3E4F4C looks like.

```
.text, #text, p{  
    color:#3E4F4C  
}
```

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 #3E4F4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E4F4C
}
```

Border

The CSS property to change the border of an element to Hex 3E4F4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

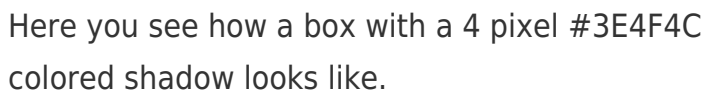
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E4F4C }
```

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

```
.border{ border-color:#3E4F4C }
```

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

A rectangular box with a 4-pixel blue shadow. The box is white with a thin black border. The shadow is a solid blue color (#3E4F4C) and is applied to the bottom and right sides of the box, creating a 3D effect. The shadow is 4 pixels wide and 4 pixels high.

Here you see how a box with a 4 pixel #3E4F4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E4F4C; -webkit-box-shadow:4px 4px  
4px 4px #3E4F4C; box-shadow:4px 4px 4px  
4px #3E4F4C }
```

Background

The CSS property to change the background color of an element to Hex 3E4F4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E4F4C }
```

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

```
.background{ background-color:#3E4F4C }
```

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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