

# Converting Colors

Hex(3E4F62)

Have a look what the booklet for  
Hex(3E4F62) contains.

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# Color

**Hex(3E4F62)**

# Conversions

Conversions Part 1	
Format	Color
Hex	3E4F62
RGB	62, 79, 98
RGB Percent	24%, 31%, 38%
CMY	0.7569, 0.6902, 0.6157
CMYK	0.37, 0.19, 0.00, 0.62
HSL	212°, 23%, 31%
HSV	212°, 37%, 38%
XYZ	6.9872, 7.4979, 12.6343
YIQ	76.0830, -16.2310, 2.3050

# Conversions

## Conversions Part 2

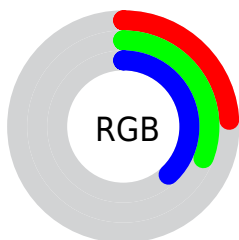
Format	Color
<a href="#">RYB</a>	<a href="#">62, 74, 98</a>
Decimal	<a href="#">4083554</a>
CIELab	<a href="#">32.91, -1.38, -13.21</a>
CIELCh	<a href="#">33, 13.287, 264.023</a>
Yxy	<a href="#">7.4979, 0.2576, 0.2765</a>
Android (android.graphics.Color)	<a href="#">4282273634</a> (0xFF3E4F62)
YUV	<a href="#">76.0830, 10.8051, -12.3508</a>
Hunter-Lab	<a href="#">27.3824, -2.3711, -8.1888</a>

# Details

The Hex color **3E4F62** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **62513E**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **6F8095**, and **102334** is the 20% darker color. If you saturate the color by 10%, you get **344A62**, and if you desaturate by 10%, it is **485462**.

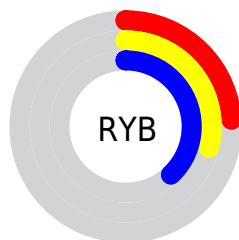
# Distribution



Red (24%)

Green (31%)

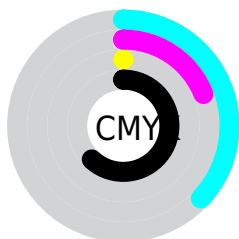
Blue (38%)



Red (24%)

Yellow (29%)

Blue (38%)

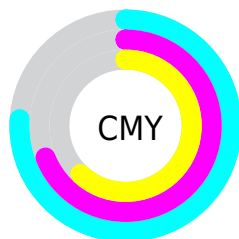


Cyan (37%)

Magenta (19%)

Yellow (0%)

Black (62%)



Cyan (76%)

Magenta (69%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E4F62 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 3E4F62 by changing the saturation by 10% instead.



 3E4F62

 3E4F62

FFFFFF

 27384A

 6F8095

 102334

 899AAF

 000D1E

 A3B5CB

 000002

 BED0E7

 000000

 DAEDFF

 F7FFFF

 3E4F62

 3E4F62

 344A62

 485462

 2A4562 525962 213F62 5B5F62 173A62 656462 0D3562 6F6962 033062 796E62 002E62 837362 8C7862 967E62

# Harmonies

## Analogous

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



33525E



3E4F62



4C4B60

# Triad

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



3E4F62



634645



405241

# Complementary

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



3E4F62



62513E

# 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.



4C4F3A



3E4F62



5F493D

# Square

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



3E4F62



614650



574C39



35534B

# Rectangle

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



3E4F62



55495D



574C39



44513E



# Sweetspot

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



3E4F62



717880



3E6251



373B40



BFBFBF



404040



# Same Dimension

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



3E4F62



476280



3F3E62



2C2E30



003570



0071F0



# Inverse Universe

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



623E4F



804762



61623E



302C2E



700035

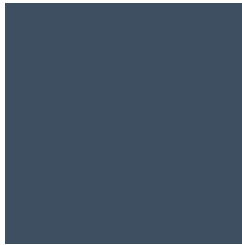


F00071



# Previews

## White Background



This preview shows how the Hex color 3E4F62 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



This preview shows how the Hex color 3E4F62 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

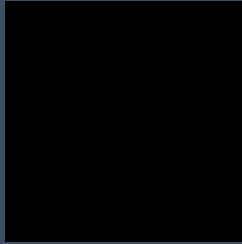
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

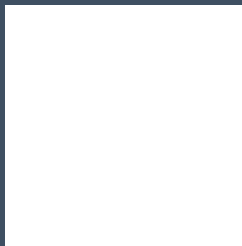
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3E4F62 Background



This preview shows how black text looks on a background with the Hex color 3E4F62.



This preview shows how white text looks on a background with the Hex color 3E4F62.

# 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**

3E4F62

**Protanopia**

494C60

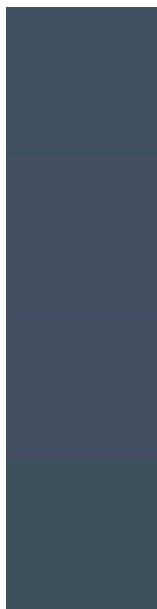
**Deuteranopia**

494C63



**Tritanopia**  
3B5157

# Trichromacy



**Original Color**

3E4F62

**Protanomaly**

454D61

**Deuteranomaly**

454D63

**Tritanomaly**

3C505B

# Monochromacy



**Original Color**

3E4F62

**Achromatopsia**

4C4C4C

**Achromatomaly**

474D54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E4F62 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 #3E4F62 looks like.

```
.text, #text, p{  
    color:#3E4F62  
}
```

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 #3E4F62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E4F62
}
```

## Border

The CSS property to change the border of an element to Hex 3E4F62 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
#3E4F62 }
```

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

```
.border{ border-color:#3E4F62 }
```

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

Here you see how a box with a 4 pixel #3E4F62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E4F62; -webkit-box-shadow:4px 4px  
4px 4px #3E4F62; box-shadow:4px 4px 4px  
4px #3E4F62 }
```

# Background

The CSS property to change the background color of an element to Hex 3E4F62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E4F62 }
```

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

```
.background{ background-color:#3E4F62 }
```

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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