

# Converting Colors

Hex(334E4F)

Have a look what the booklet for  
Hex(334E4F) contains.

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# Color

Hex(334E4F)

# Conversions

## Conversions Part 1

Format	Color
Hex	334E4F
RGB	51, 78, 79
RGB Percent	20%, 31%, 31%
CMY	0.8000, 0.6941, 0.6902
CMYK	0.35, 0.01, 0.00, 0.69
HSL	182°, 22%, 25%
HSV	182°, 35%, 31%
XYZ	5.5009, 6.7171, 8.4037
YIQ	70.0410, -16.4130, -5.4130

# Conversions

## Conversions Part 2

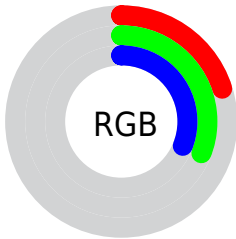
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 65, 79
Decimal	3362383
CIELab	31.15, -9.84, -3.85
CIElCh	31, 10.572, 201.375
Yxy	6.7171, 0.2668, 0.3257
Android (android.graphics.Color)	4281552463 (0xFF334E4F)
YUV	70.0410, 4.4168, -16.6990
Hunter-Lab	25.9174, -7.4691, -1.0827




# Details

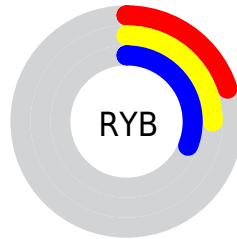
The Hex color **334E4F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4F3433**, and the grayscale version is **464646**.




A 20% lighter version of the original color is **637F80**, and **062223** is the 20% darker color. If you saturate the color by 10%, you get **2B4E4F**, and if you desaturate by 10%, it is **3B4E4F**.

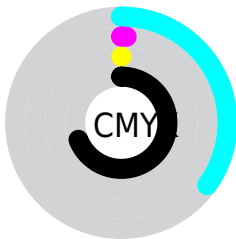
# Distribution







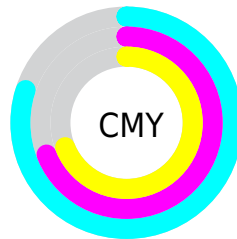
-  Red (20%)
-  Green (31%)
-  Blue (31%)






-  Red (20%)
-  Yellow (25%)
-  Blue (31%)



-  Cyan (35%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (69%)



-  Cyan (80%)
-  Magenta (69%)
-  Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 334E4F 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 334E4F by changing the saturation by 10% instead.





334E4F



334E4F

FFFFFF



1C3738



637F80



062223



7C999A



00080D



96B4B5



000000



B1CFD0



CDECED



E9FFFF



334E4F



334E4F



2B4E4F



3B4E4F

■ 234D4F

■ 434F4F

■ 1B4D4F

■ 4B4F4F

■ 134D4F

■ 534F4F

■ 0C4D4F

■ 5B4F4F

■ 044C4F

■ 62504F

■ 004C4F

■ 6A504F

■ 72504F

■ 7A514F

# Harmonies

## Analogous

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



384E47



334E4F



354D56

# Triad

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



334E4F



524554



524839

# Complementary

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



334E4F



4F3433

# 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.



58453D



334E4F



58444C

# Square

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



334E4F



484859



5B4444



494B3A

# Rectangle

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



334E4F



3A4C59



5B4444



54473A



# Sweetspot

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



334E4F



5B6666



334F34



2C3333



B3B3B3



333333



# Same Dimension

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



334E4F



3A6466



33404F



222626



006266



00DDE6



# Inverse Universe

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



4F334E



663A64



4F4233



262226



660062



E600DD



# Previews

## White Background



This preview shows how the Hex color 334E4F looks on a white background.

## Color Contrast Check

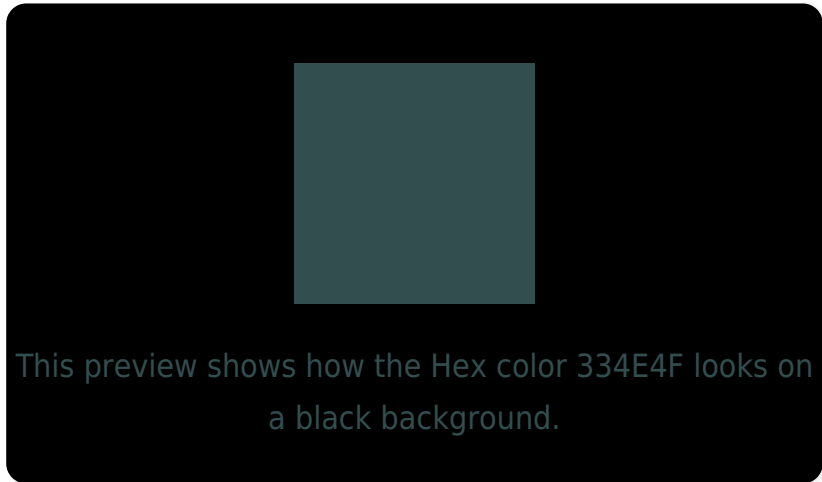
Large Text (above 18pt) WCAG AA ✓ Pass

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

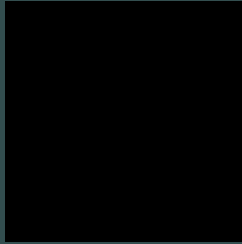
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 334E4F Background



This preview shows how black text looks on a background with the Hex color 334E4F.



This preview shows how white text looks on a background with the Hex color 334E4F.

# 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**  
334E4F

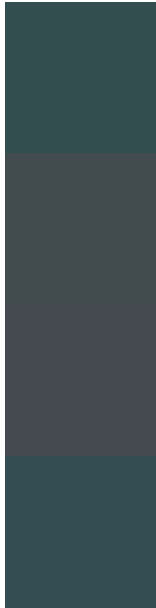
**Protanopia**  
4A494C

**Deuteranopia**  
4D4750



**Tritanopia**  
344D54

# Trichromacy



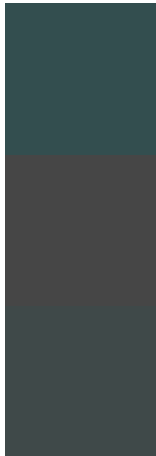
**Original Color**  
334E4F

**Protanomaly**  
424B4D

**Deuteranomaly**  
444A50

**Tritanomaly**  
344D52

# Monochromacy



**Original Color**  
334E4F

**Achromatopsia**  
464646

**Achromatomaly**  
3F4949

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 334E4F 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 #334E4F looks like.

```
.text, #text, p{  
    color:#334E4F  
}
```

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 #334E4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334E4F
}
```

## Border

The CSS property to change the border of an element to Hex 334E4F is called "border". The border property can be set on classes, ids or directly on the HTML element.

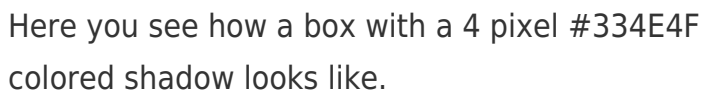
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#334E4F }
```

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

```
.border{ border-color:#334E4F }
```

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



Here you see how a box with a 4 pixel #334E4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334E4F; -webkit-box-shadow:4px 4px  
4px 4px #334E4F; box-shadow:4px 4px 4px  
4px #334E4F }
```

# Background

The CSS property to change the background color of an element to Hex 334E4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334E4F }
```

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

```
.background{ background-color:#334E4F }
```

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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