

# Converting Colors

Hex(334F4E)

Have a look what the booklet for  
Hex(334F4E) contains.

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# Color

**Hex(334F4E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	334F4E
RGB	51, 79, 78
RGB Percent	20%, 31%, 31%
CMY	0.8000, 0.6902, 0.6941
CMYK	0.35, 0.00, 0.01, 0.69
HSL	178°, 22%, 25%
HSV	178°, 35%, 31%
XYZ	5.5364, 6.8458, 8.2373
YIQ	70.5140, -16.3670, -6.2470

# Conversions

## Conversions Part 2

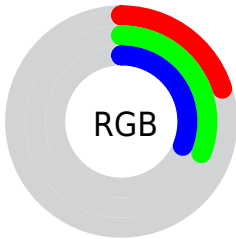
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 65, 79
Decimal	3362638
CIELab	31.45, -10.72, -2.77
CIELCh	31, 11.072, 194.494
Yxy	6.8458, 0.2685, 0.3320
Android (android.graphics.Color)	4281552718 (0xFF334F4E)
YUV	70.5140, 3.6906, -17.1138
Hunter-Lab	26.1645, -8.0177, -0.3509

# Details

The Hex color **334F4E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4F3334**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **63807F**, and **062222** is the 20% darker color. If you saturate the color by 10%, you get **2B4F4E**, and if you desaturate by 10%, it is **3B4F4E**.

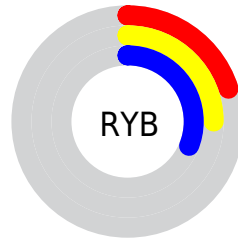
# Distribution



 Red (20%)

 Green (31%)

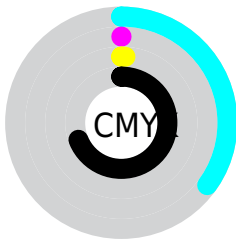
 Blue (31%)



 Red (20%)

 Yellow (25%)

 Blue (31%)

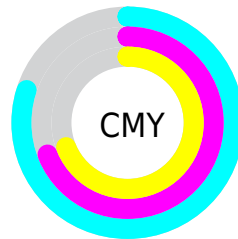


 Cyan (35%)

 Magenta (0%)

 Yellow (1%)

 Black (69%)



 Cyan (80%)

 Magenta (69%)

 Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 334F4E 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 334F4E by changing the saturation by 10% instead.





334F4E



334F4E

FFFFFF



1C3837



63807F



062222



7C9A99



000A0C



96B5B4



000000



B1D1CF



CDEDEB



E9FFFF



334F4E



334F4E



2B4F4E



3B4F4E

■ 234F4D

■ 434F4F

■ 1B4F4D

■ 4B4F4F

■ 134F4D

■ 534F4F

■ 0C4F4D

■ 5B4F4F

■ 044F4C

■ 624F50

■ 004F4C

■ 6A4F50

■ 724F50

■ 7A4F51

# Harmonies

## Analogous

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



394F45



334F4E



334E56

# Triad

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



334F4E



514656



55483A

# Complementary

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



334F4E



4F3334

# 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.



5B453E



334F4E



59444F

# Square

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



334F4E



46495B



5C4446



4C4B39

# Rectangle

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



334F4E



374D59



5C4446



57473B



# Sweetspot

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



334F4E



5B6666



344F33



2C3333



B3B3B3



333333



# Same Dimension

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



334F4E



3A6664



33424F



222626



006662



00E6DD



# Inverse Universe

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



4F3334



663A3C



4F4033



262223



660004



E60008



# Previews

## White Background



This preview shows how the Hex color 334F4E looks on a white background.

## Color Contrast Check

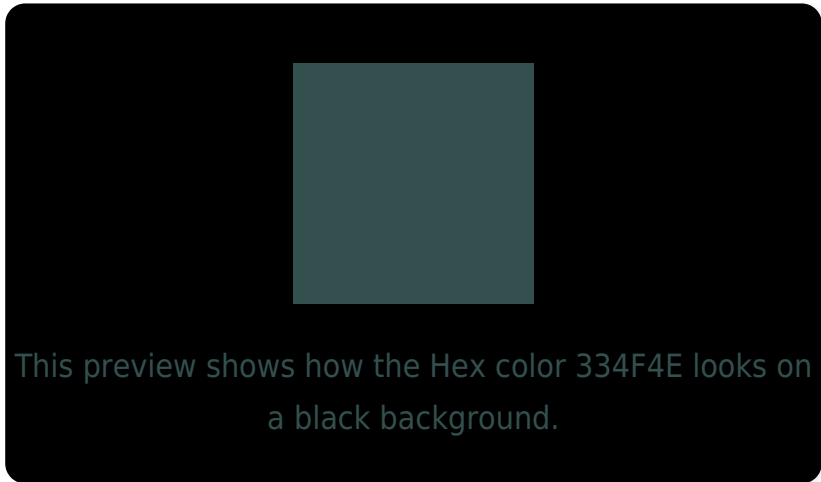
Large Text (above 18pt) WCAG AA ✓ Pass

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

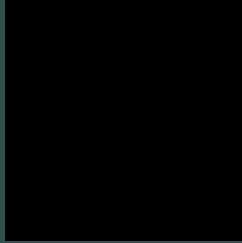
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

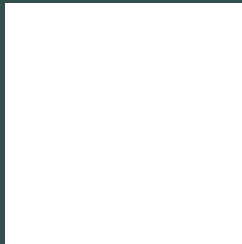
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 334F4E Background



This preview shows how black text looks on a background with the Hex color 334F4E.



This preview shows how white text looks on a background with the Hex color 334F4E.

# 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](#).

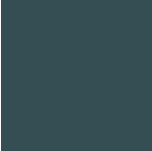
## Dichromacy



**Original Color**  
334F4E

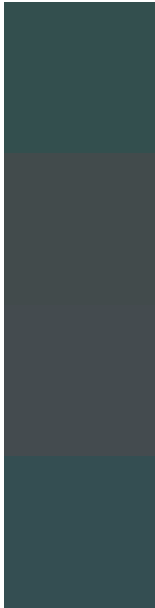
**Protanopia**  
4B494B

**Deuteranopia**  
4E4850



**Tritanopia**  
354E54

# Trichromacy



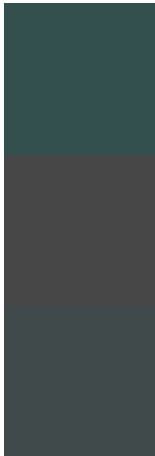
**Original Color**  
334F4E

**Protanomaly**  
424B4C

**Deuteranomaly**  
444B4F

**Tritanomaly**  
344E52

# Monochromacy



**Original Color**  
334F4E

**Achromatopsia**  
474747

**Achromatomaly**  
404A4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 334F4E 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 #334F4E looks like.

```
.text, #text, p{  
    color:#334F4E  
}
```

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 #334F4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334F4E
}
```

## Border

The CSS property to change the border of an element to Hex 334F4E is called "border". The border property can be set on classes, ids or directly on the HTML element.

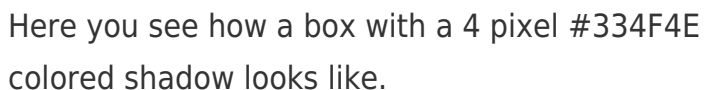
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#334F4E }
```

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

```
.border{ border-color:#334F4E }
```

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



Here you see how a box with a 4 pixel #334F4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334F4E; -webkit-box-shadow:4px 4px  
4px 4px #334F4E; box-shadow:4px 4px 4px  
4px #334F4E }
```

# Background

The CSS property to change the background color of an element to Hex 334F4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334F4E }
```

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

```
.background{ background-color:#334F4E }
```

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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