

Converting Colors

Hex(334F5E)

Have a look what the booklet for
Hex(334F5E) contains.

Hex(334F5E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(334F5E)

Conversions

Conversions Part 1

Format	Color
Hex	334F5E
RGB	51, 79, 94
RGB Percent	20%, 31%, 37%
CMY	0.8000, 0.6902, 0.6314
CMYK	0.46, 0.16, 0.00, 0.63
HSL	201°, 30%, 28%
HSV	201°, 46%, 37%
XYZ	6.1816, 7.1039, 11.6351
YIQ	72.3380, -21.5030, -1.2710

Conversions

Conversions Part 2

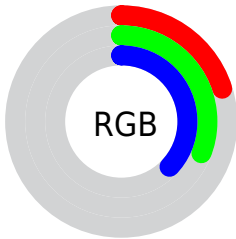
Format	Color
R_{YB}	51, 68, 94
Decimal	3362654
CIE Lab	32.04, -6.00, -12.08
CIE LCh	32, 13.486, 243.563
Yxy	7.1039, 0.2481, 0.2851
Android (android.graphics.Color)	4281552734 (0xFF334F5E)
YUV	72.3380, 10.6794, -18.7134
Hunter-Lab	26.6532, -5.2440, -7.2250

Details

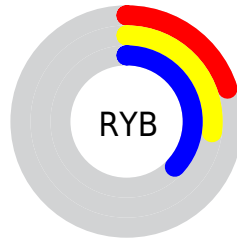
The Hex color **334F5E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E4233**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **648090**, and **022330** is the 20% darker color. If you saturate the color by 10%, you get **2A4C5E**, and if you desaturate by 10%, it is **3C525E**.

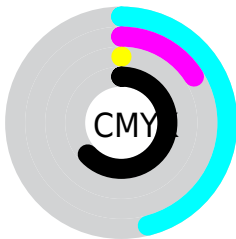
Distribution



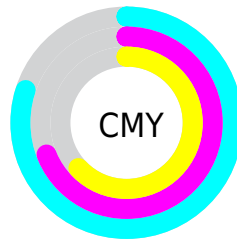
- Red (20%)
- Green (31%)
- Blue (37%)



- Red (20%)
- Yellow (27%)
- Blue (37%)



- Cyan (46%)
- Magenta (16%)
- Yellow (0%)
- Black (63%)



- Cyan (80%)
- Magenta (69%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334F5E 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 334F5E by changing the saturation by 10% instead.

■ 334F5E

■ 334F5E

FFFFFF

■ 1B3846

■ 648090

■ 022330

■ 7D9AAB

■ 000D1B

■ 98B5C6

■ 000000

■ B3D0E2

■ CFEDFF

■ EBFFFF

■ 334F5E

■ 334F5E

■ 2A4C5E

■ 3C525E

■ 20485E

■ 46565E

■ 17455E

■ 4F595E

■ 0D425E

■ 595C5E

■ 043F5E

■ 625F5E

■ 003D5E

■ 6B635E

■ 75665E

■ 7E695E

■ 886D5E

Harmonies

Analogous

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



2D5157



334F5E



404C60

Triad

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



334F5E



60444A



464E3A

Complementary

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



334F5E



5E4233

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.



524B36



334F5E



604540

Square

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



334F5E



5A4555



5B4839



3A5042

Rectangle

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



334F5E



4A495F



5B4839



4A4D38

Sweetspot

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



334F5E



69747A



335E41



333A3D



BDBDBD



3D3D3D

Same Dimension

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



334F5E



37637A



333A5E



292C2E



00476E



009AED

Inverse Universe

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



5E334F



7A3763



5E5733



2E292C



6E0047



ED009A

Previews

White Background



This preview shows how the Hex color 334F5E 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

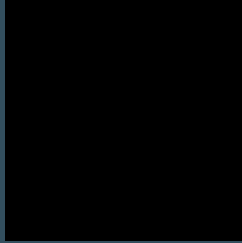
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

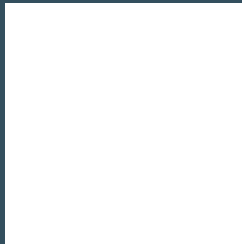
Any Text WCAG AAA × Fail

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

Hex 334F5E Background



This preview shows how black text looks on a background with the Hex color 334F5E.



This preview shows how white text looks on a background with the Hex color 334F5E.

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
334F5E

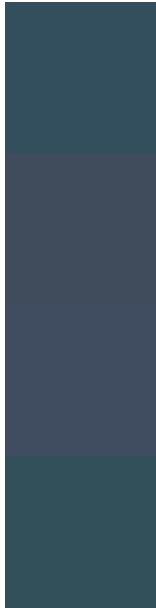
Protanopia
484A5B

Deuteranopia
484A5F



Tritanopia
315057

Trichromacy



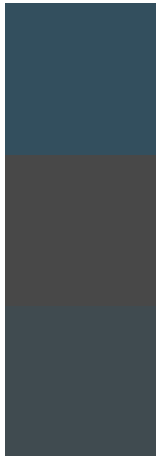
Original Color
334F5E

Protanomaly
404C5C

Deuteranomaly
404C5F

Tritanomaly
32505A

Monochromacy



Original Color
334F5E

Achromatopsia
484848

Achromatomaly
404B50

CSS Examples

Text

The CSS property to change the color of the text to Hex 334F5E 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 #334F5E looks like.

```
.text, #text, p{  
    color:#334F5E  
}
```

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 #334F5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334F5E
}
```

Border

The CSS property to change the border of an element to Hex 334F5E 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".

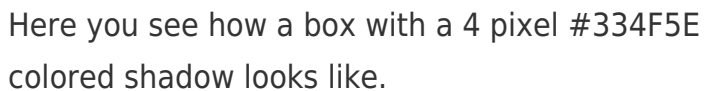
```
.border, #border, table{ border:4px solid
#334F5E }
```

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

```
.border{ border-color:#334F5E }
```

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

Here you see how a box with a 4 pixel #334F5E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334F5E; -webkit-box-shadow:4px 4px  
4px 4px #334F5E; box-shadow:4px 4px 4px  
4px #334F5E }
```

Background

The CSS property to change the background color of an element to Hex 334F5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334F5E }
```

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

```
.background{ background-color:#334F5E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor