

Converting Colors

Hex(334E46)

Have a look what the booklet for
Hex(334E46) contains.

Hex(334E46)	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(334E46)

Conversions

Conversions Part 1

Format	Color
Hex	334E46
RGB	51, 78, 70
RGB Percent	20%, 31%, 27%
CMY	0.8000, 0.6941, 0.7255
CMYK	0.35, 0.00, 0.10, 0.69
HSL	162°, 21%, 25%
HSV	162°, 35%, 31%
XYZ	5.1951, 6.5948, 6.7935
YIQ	69.0150, -13.5240, -8.2120

Conversions

Conversions Part 2

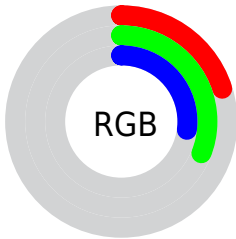
Format	Color
RYB	51, 67, 78
Decimal	3362374
CIELab	30.87, -12.26, 1.48
CIElCh	31, 12.344, 173.119
Yxy	6.5948, 0.2796, 0.3549
Android (android.graphics.Color)	4281552454 (0xFF334E46)
YUV	69.0150, 0.4856, -15.7992
Hunter-Lab	25.6803, -8.8300, 2.2917

Details

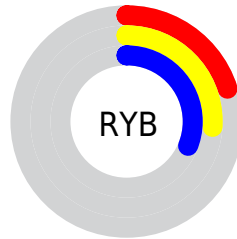
The Hex color **334E46** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4E333B**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **627F76**, and **07221B** is the 20% darker color. If you saturate the color by 10%, you get **2B4E44**, and if you desaturate by 10%, it is **3B4E48**.

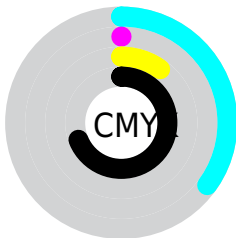
Distribution



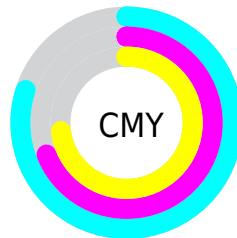
- Red (20%)
- Green (31%)
- Blue (27%)



- Red (20%)
- Yellow (26%)
- Blue (31%)



- Cyan (35%)
- Magenta (0%)
- Yellow (10%)
- Black (69%)



- Cyan (80%)
- Magenta (69%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334E46 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 334E46 by changing the saturation by 10% instead.



334E46



334E46

FFFFFF



1D3730



627F76



07221B



7C9990



000600



96B4AA



000000



B1D0C6



CCECE2



E8FFFE



334E46



334E46



2B4E44



3B4E48

■ 234E41

■ 434E4B

■ 1C4E3F

■ 4A4E4D

■ 144E3D

■ 524E4F

■ 0C4E3A

■ 5A4E52

■ 044E38

■ 624E54

■ 004E37

■ 6A4E56

■ 714E58

■ 794E5B

Harmonies

Analogous

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



3D4D3D



334E46



2D4E50

Triad

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



334E46



47475A



59443A

Complementary

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



334E46



4E333B

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.



5C4242



334E46



534454

Square

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



334E46



3A4A5C



5A424B



524736

Rectangle

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



334E46



2E4D55



5A424B



5B433C

Sweetspot

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



334E46



5C6663



3B4E33



2D3331



B3B3B3



333333

Same Dimension

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



334E46



3B6659



33494E



222625



006648



00E6A2

Inverse Universe

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



4E333B



663B48



4E3833



262224



66001E



E60044

Previews

White Background



This preview shows how the Hex color 334E46 looks on a white background.

Color Contrast Check

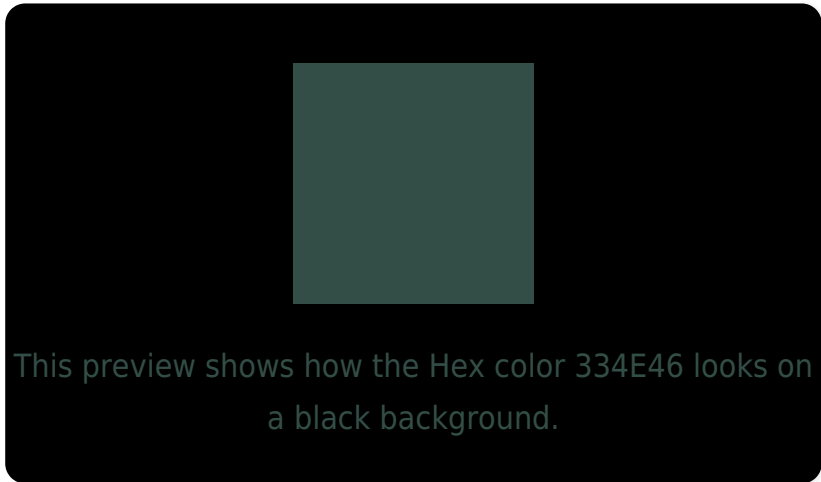
Large Text (above 18pt) WCAG AA ✓ Pass

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

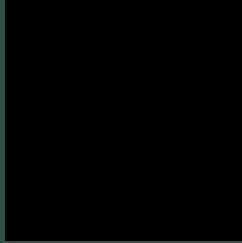
Any Text WCAG AA × Fail

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 334E46 Background



This preview shows how black text looks on a background with the Hex color 334E46.



This preview shows how white text looks on a background with the Hex color 334E46.

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
334E46

Protanopia
4B4843

Deuteranopia
504648

Trichromacy



Original Color

334E46

Protanomaly

424A44

Deuteranomaly

454947

Tritanomaly

354D4E

Monochromacy



Original Color

334E46

Achromatopsia

454545

Achromatomaly

3E4845

CSS Examples

Text

The CSS property to change the color of the text to Hex 334E46 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 #334E46 looks like.

```
.text, #text, p{  
    color:#334E46  
}
```

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 #334E46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334E46
}
```

Border

The CSS property to change the border of an element to Hex 334E46 is called "border". The border property can be set on classes, ids or directly on the HTML element.

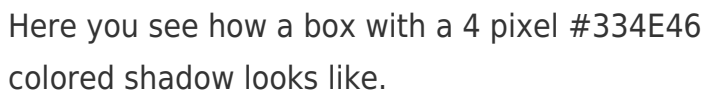
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#334E46 }
```

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

```
.border{ border-color:#334E46 }
```

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



Here you see how a box with a 4 pixel #334E46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334E46; -webkit-box-shadow:4px 4px  
4px 4px #334E46; box-shadow:4px 4px 4px  
4px #334E46 }
```

Background

The CSS property to change the background color of an element to Hex 334E46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334E46 }
```

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

```
.background{ background-color:#334E46 }
```

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