

Converting Colors

Hex(334E5B)

Have a look what the booklet for
Hex(334E5B) contains.

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Color

Hex(334E5B)

Conversions

Conversions Part 1

Format	Color
Hex	334E5B
RGB	51, 78, 91
RGB Percent	20%, 31%, 36%
CMY	0.8000, 0.6941, 0.6431
CMYK	0.44, 0.14, 0.00, 0.64
HSL	200°, 28%, 28%
HSV	200°, 44%, 36%
XYZ	5.9780, 6.9079, 10.9158
YIQ	71.4090, -20.2650, -1.6810

Conversions

Conversions Part 2

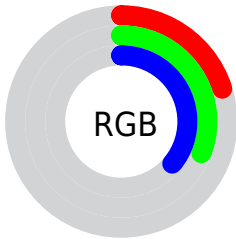
Format	Color
RYB	51, 67, 91
Decimal	3362395
CIELab	31.60, -6.31, -10.85
CIElCh	32, 12.551, 239.794
Yxy	6.9079, 0.2512, 0.2902
Android (android.graphics.Color)	4281552475 (0xFF334E5B)
YUV	71.4090, 9.6584, -17.8987
Hunter-Lab	26.2829, -5.3959, -6.2263

Details

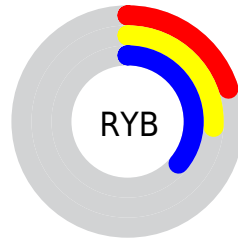
The Hex color **334E5B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5B4033**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **647F8D**, and **03222D** is the 20% darker color. If you saturate the color by 10%, you get **2A4B5B**, and if you desaturate by 10%, it is **3C515B**.

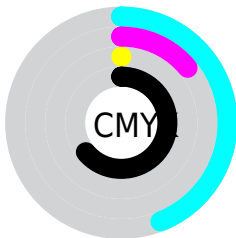
Distribution



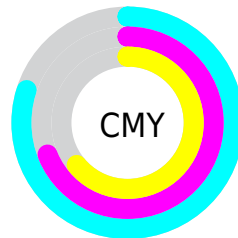
- Red (20%)
- Green (31%)
- Blue (36%)



- Red (20%)
- Yellow (26%)
- Blue (36%)



- Cyan (44%)
- Magenta (14%)
- Yellow (0%)
- Black (64%)



- Cyan (80%)
- Magenta (69%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334E5B 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 334E5B by changing the saturation by 10% instead.



334E5B



334E5B

FFFFFF



1C3744



647F8D



03222D



7D99A8



000C19



97B4C3



000000



B2CFDF



CEEBFB



EBFFFF



334E5B



334E5B



2A4B5B



3C515B

■ 21485B

■ 45545B

■ 18455B

■ 4E575B

■ 0F425B

■ 575A5B

■ 063F5B

■ 615D5B

■ 003D5B

■ 6A605B

■ 73635B

■ 7C665B

■ 85695B

Harmonies

Analogous

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



2E5054



334E5B



3F4B5E

Triad

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



334E5B



5D434B



474D39

Complementary

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



334E5B



5B4033

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.



524A37



334E5B



5E4441

Square

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



334E5B



574554



5A463A



3C4F40

Rectangle

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



334E5B



48495D



5A463A



4B4C38

Sweetspot

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



334E5B



667075



335B40



31383B



BABABA



3B3B3B

Same Dimension

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



334E5B



376175



333A5B



292C2E



004A6E



00A0ED

Inverse Universe

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



5B334E



753761



5B5433



2E292C



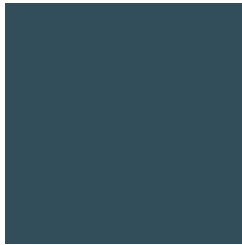
6E004A



ED00A0

Previews

White Background



This preview shows how the Hex color 334E5B looks on a white background.

Color Contrast Check

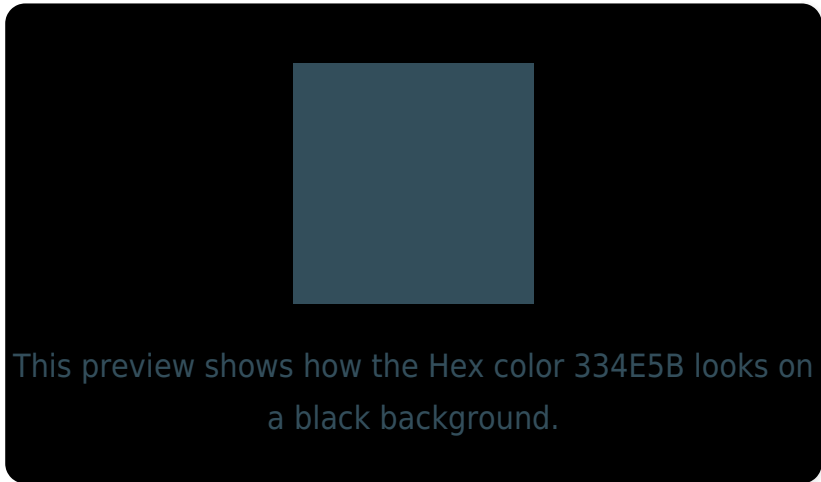
Large Text (above 18pt) WCAG AA ✓ Pass

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

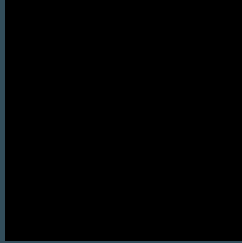
Any Text WCAG AA × Fail

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 334E5B Background



This preview shows how black text looks on a background with the Hex color 334E5B.



This preview shows how white text looks on a background with the Hex color 334E5B.

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
334E5B

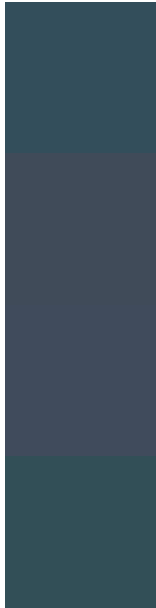
Protanopia
474958

Deuteranopia
48495C



Tritanopia
314F55

Trichromacy



Original Color

334E5B

Protanomaly

404B59

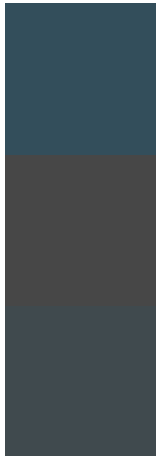
Deuteranomaly

404B5C

Tritanomaly

324F57

Monochromacy



Original Color

334E5B

Achromatopsia

474747

Achromatomaly

404A4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 334E5B 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 #334E5B looks like.

```
.text, #text, p{  
    color:#334E5B  
}
```

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 #334E5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334E5B
}
```

Border

The CSS property to change the border of an element to Hex 334E5B 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
#334E5B }
```

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

```
.border{ border-color:#334E5B }
```

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

Here you see how a box with a 4 pixel #334E5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334E5B; -webkit-box-shadow:4px 4px  
4px 4px #334E5B; box-shadow:4px 4px 4px  
4px #334E5B }
```

Background

The CSS property to change the background color of an element to Hex 334E5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334E5B }
```

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

```
.background{ background-color:#334E5B }
```

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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