

Converting Colors

Hex(00334E)

Have a look what the booklet for
Hex(00334E) contains.

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Color

Hex(00334E)

Conversions

Conversions Part 1

Format	Color
Hex	00334E
RGB	0, 51, 78
RGB Percent	0%, 20%, 31%
CMY	1.0000, 0.8000, 0.6941
CMYK	1.00, 0.35, 0.00, 0.69
HSL	201°, 100%, 15%
HSV	201°, 100%, 31%
XYZ	2.5590, 2.9177, 7.6360
YIQ	38.8290, -39.0630, -2.4150

Conversions

Conversions Part 2

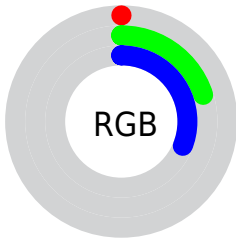
Format	Color
RYB	0, 31, 78
Decimal	13134
CIELab	19.71, -4.07, -20.91
CIELCh	20, 21.298, 258.983
Yxy	2.9177, 0.1952, 0.2225
Android (android.graphics.Color)	4278203214 (0xFF00334E)
YUV	38.8290, 19.3113, -34.0530
Hunter-Lab	17.0813, -3.1510, -14.5481

Details

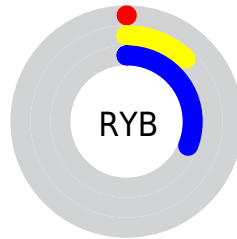
The Hex color **00334E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4E1B00**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **3C617F**, and **000222** is the 20% darker color. If you saturate the color by 10%, you get **00334E**, and if you desaturate by 10%, it is **08364E**.

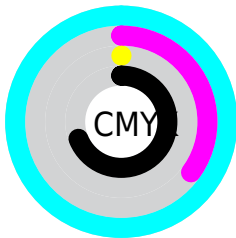
Distribution



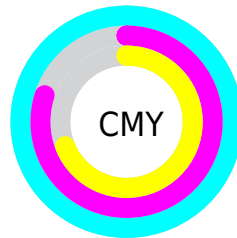
- Red (0%)
- Green (20%)
- Blue (31%)



- Red (0%)
- Yellow (12%)
- Blue (31%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (69%)



- Cyan (100%)
- Magenta (80%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00334E 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 00334E by changing the saturation by 10% instead.

 00334E

 00334E

 FBFFFF


 001E37

 3C617F

 000222

 567A99

 000008

 7094B4

 000000

 8AAED0

 A6CAEC

 C2E6FF

 DEFFFF

 00334E

■ 08364E

■ 10384E

■ 173B4E

■ 1F3E4E

■ 27414E

■ 2F434E

■ 37464E

■ 3E494E

■ 464B4E

Harmonies

Analogous

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



003647



00334E



272E4D

Triad

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



00334E



4D2326



1D351B

Complementary

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



00334E



4E1B00

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.



2F3211



00334E



482719

Square

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



00334E



4A2336



3E2D10



013729

Rectangle

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



00334E



372A48



3E2D10



243417

Sweetspot

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



00334E



475B66



004E1A



212D33



B3B3B3



333333

Same Dimension

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



00334E



004366



000D4E



222526



0096E6

Inverse Universe

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



4E0033



660043



4E4100



262225



E60096

Previews

White Background



This preview shows how the Hex color 00334E looks on a white background.

Color Contrast Check

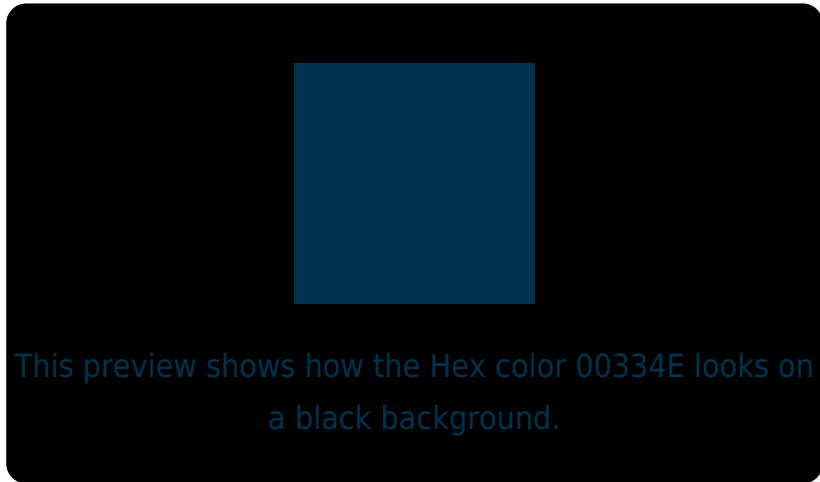
Large Text (above 18pt) WCAG AA ✓ Pass

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

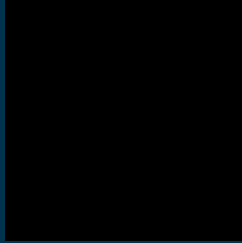
Any Text WCAG AA × Fail

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 00334E Background



This preview shows how black text looks on a background with the Hex color 00334E.



This preview shows how white text looks on a background with the Hex color 00334E.

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
00334E

Protanopia
262F4B

Deuteranopia
1E314F



Tritanopia
00363A

Trichromacy



Original Color
00334E

Protanomaly
18304C

Deuteranomaly
13324F

Tritanomaly
003541

Monochromacy



Original Color
00334E

Achromatopsia
272727

Achromatomaly
192B35

CSS Examples

Text

The CSS property to change the color of the text to Hex 00334E 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 #00334E looks like.

```
.text, #text, p{  
    color:#00334E  
}
```

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 #00334E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00334E
}
```

Border

The CSS property to change the border of an element to Hex 00334E is called "border". The border property can be set on classes, ids or directly on the HTML element.

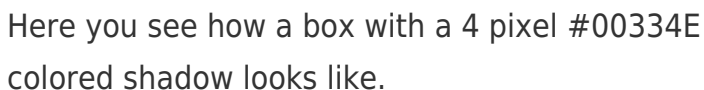
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00334E }
```

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

```
.border{ border-color:#00334E }
```

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



Here you see how a box with a 4 pixel #00334E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00334E; -webkit-box-shadow:4px 4px  
4px 4px #00334E; box-shadow:4px 4px 4px  
4px #00334E }
```

Background

The CSS property to change the background color of an element to Hex 00334E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00334E }
```

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

```
.background{ background-color:#00334E }
```

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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