

Converting Colors

Hex(33434E)

Have a look what the booklet for
Hex(33434E) contains.

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Color

Hex(33434E)

Conversions

Conversions Part 1

Format	Color
Hex	33434E
RGB	51, 67, 78
RGB Percent	20%, 26%, 31%
CMY	0.8000, 0.7373, 0.6941
CMYK	0.35, 0.14, 0.00, 0.69
HSL	204°, 21%, 25%
HSV	204°, 35%, 31%
XYZ	4.7475, 5.2682, 7.9744
YIQ	63.4700, -13.0670, 0.0290

Conversions

Conversions Part 2

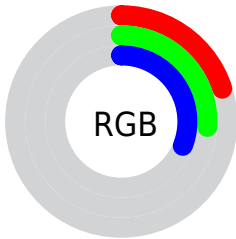
Format	Color
RYB	51, 61, 78
Decimal	3359566
CIELab	27.49, -3.30, -8.70
CIElCh	27, 9.306, 249.244
Yxy	5.2682, 0.2639, 0.2928
Android (android.graphics.Color)	4281549646 (0xFF33434E)
YUV	63.4700, 7.1633, -10.9362
Hunter-Lab	22.9525, -3.2456, -4.5323

Details

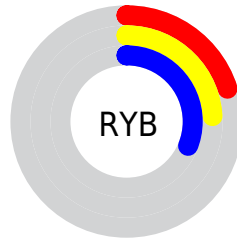
The Hex color **33434E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4E3E33**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **62737F**, and **071822** is the 20% darker color. If you saturate the color by 10%, you get **2B404E**, and if you desaturate by 10%, it is **3B464E**.

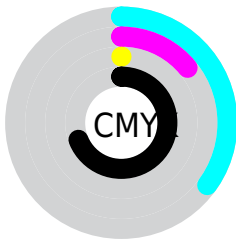
Distribution



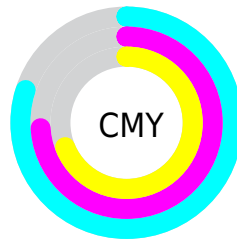
- Red (20%)
- Green (26%)
- Blue (31%)



- Red (20%)
- Yellow (24%)
- Blue (31%)



- Cyan (35%)
- Magenta (14%)
- Yellow (0%)
- Black (69%)



- Cyan (80%)
- Magenta (74%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33434E 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 33434E by changing the saturation by 10% instead.

■ 33434E

■ 33434E

FFFFFF

■ 1D2D37

■ 62737F

■ 071822

■ 7B8C99

■ 00000B

■ 95A7B4

■ 000000

■ B0C2CF

■ CCDEEB

■ E8FAFF

■ 33434E

■ 33434E

■ 2B404E

■ 3B464E

■ 233D4E

■ 43494E

■ 1C394E

■ 4A4D4E

■ 14364E

■ 52504E

■ 0C334E

■ 5A534E

■ 04304E

■ 62564E

■ 002E4E

■ 6A594E

■ 715C4E

■ 79604E

Harmonies

Analogous

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



2E454A



33434E



3C414F

Triad

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



33434E



503C3F



3C4336

Complementary

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



33434E



4E3E33

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.



444133



33434E



4F3D38

Square

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



33434E



4C3D46



4B3F34



34453C

Rectangle

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



33434E



423F4D



4B3F34



3F4334

Sweetspot

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



33434E



5C6266



334E3E



2D3133



B3B3B3



333333

Same Dimension

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



33434E



3B5566



33364E



222526



003C66



0088E6

Inverse Universe

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



4E3343



663B55



4E4B33



262225



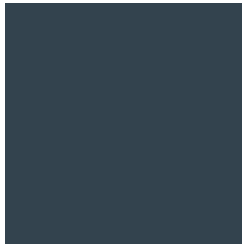
66003C



E60088

Previews

White Background



This preview shows how the Hex color 33434E looks on a white background.

Color Contrast Check

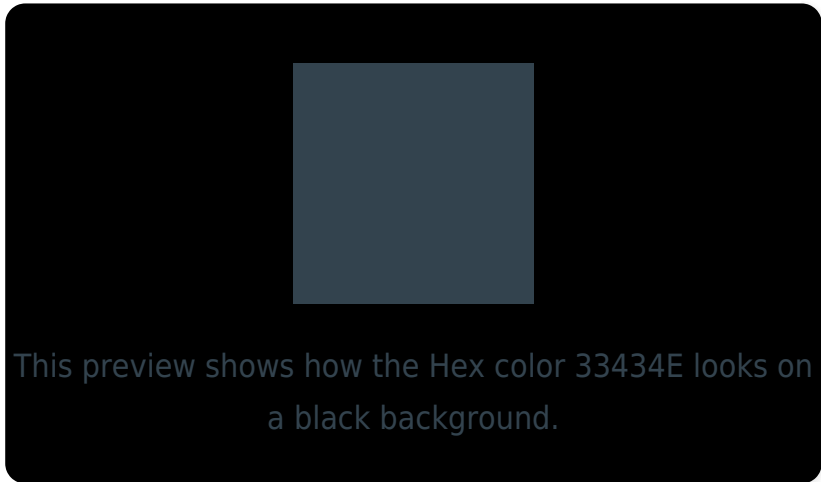
Large Text (above 18pt) WCAG AA ✓ Pass

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

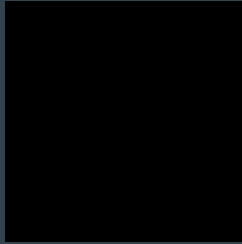
Any Text WCAG AA × Fail

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 33434E Background



This preview shows how black text looks on a background with the Hex color 33434E.



This preview shows how white text looks on a background with the Hex color 33434E.

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](#).

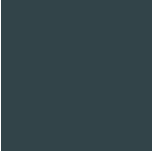
Dichromacy



Original Color
33434E

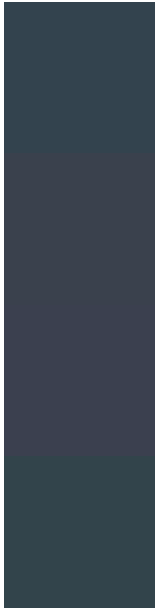
Protanopia
3E404C

Deuteranopia
403F4F



Tritanopia
324449

Trichromacy



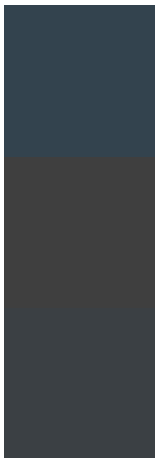
Original Color
33434E

Protanomaly
3A414D

Deuteranomaly
3B404F

Tritanomaly
32444B

Monochromacy



Original Color
33434E

Achromatopsia
3F3F3F

Achromatomaly
3B4044

CSS Examples

Text

The CSS property to change the color of the text to Hex 33434E 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 #33434E looks like.

```
.text, #text, p{  
    color:#33434E  
}
```

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 #33434E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33434E
}
```

Border

The CSS property to change the border of an element to Hex 33434E is called "border". The border property can be set on classes, ids or directly on the HTML element.

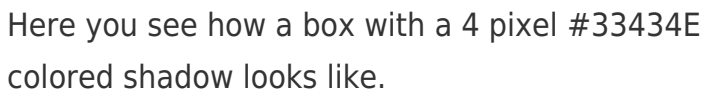
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#33434E }
```

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

```
.border{ border-color:#33434E }
```

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



Here you see how a box with a 4 pixel #33434E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33434E; -webkit-box-shadow:4px 4px  
4px 4px #33434E; box-shadow:4px 4px 4px  
4px #33434E }
```

Background

The CSS property to change the background color of an element to Hex 33434E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33434E }
```

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

```
.background{ background-color:#33434E }
```

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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