

Converting Colors

Hex(33443E)

Have a look what the booklet for
Hex(33443E) contains.

Hex(33443E)	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(33443E)

Conversions

Conversions Part 1

Format	Color
Hex	33443E
RGB	51, 68, 62
RGB Percent	20%, 27%, 24%
CMY	0.8000, 0.7333, 0.7569
CMYK	0.25, 0.00, 0.09, 0.73
HSL	159°, 14%, 23%
HSV	159°, 25%, 27%
XYZ	4.3019, 5.1859, 5.3317
YIQ	62.2330, -8.2060, -5.4700

Conversions

Conversions Part 2

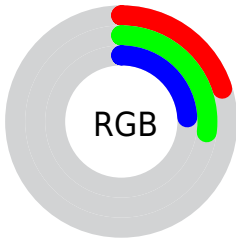
Format	Color
RYB	51, 61, 68
Decimal	3359806
CIELab	27.26, -8.27, 1.41
CIElCh	27, 8.389, 170.304
Yxy	5.1859, 0.2903, 0.3499
Android (android.graphics.Color)	4281549886 (0xFF33443E)
YUV	62.2330, -0.1149, -9.8513
Hunter-Lab	22.7725, -6.1320, 2.0593

Details

The Hex color **33443E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **443339**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **62746D**, and **071914** is the 20% darker color. If you saturate the color by 10%, you get **2C443C**, and if you desaturate by 10%, it is **3A4440**.

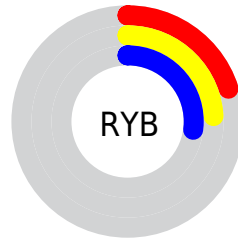
Distribution



Red (20%)

Green (27%)

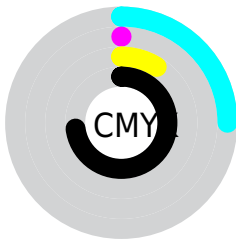
Blue (24%)



Red (20%)

Yellow (24%)

Blue (27%)

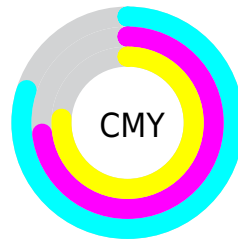


Cyan (25%)

Magenta (0%)

Yellow (9%)

Black (73%)



Cyan (80%)

Magenta (73%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33443E 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 33443E by changing the saturation by 10% instead.



33443E



33443E

FFFFFF



1E2E28



62746D



071914



7B8E87



000000



95A8A1



AFC3BC



CBDFD8



E7FCF4



33443E



33443E



2C443C



3A4440

■ 254439

■ 414443

■ 1F4437

■ 474445

■ 184434

■ 4E4448

■ 114432

■ 55444A

■ 0A4430

■ 5C444C

■ 03442D

■ 63444F

■ 00442C

■ 694451

■ 704454

Harmonies

Analogous

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



394338



33443E



304445

Triad

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



33443E



3F3F4C



4C3D37

Complementary

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



33443E



443339

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.



4E3C3C



33443E



473D49

Square

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



33443E



37424D



4C3C43



473F34

Rectangle

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



33443E



304448



4C3C43



4D3D38

Sweetspot

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



33443E



525957



394433



292E2C



ADADAD



2E2E2E

Same Dimension

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



33443E



3E5950



334244



1E2120



00613F



00E091

Inverse Universe

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



443339



593E48



443533



211E1F



610022



E0004F

Previews

White Background



This preview shows how the Hex color 33443E looks on a white background.

Color Contrast Check

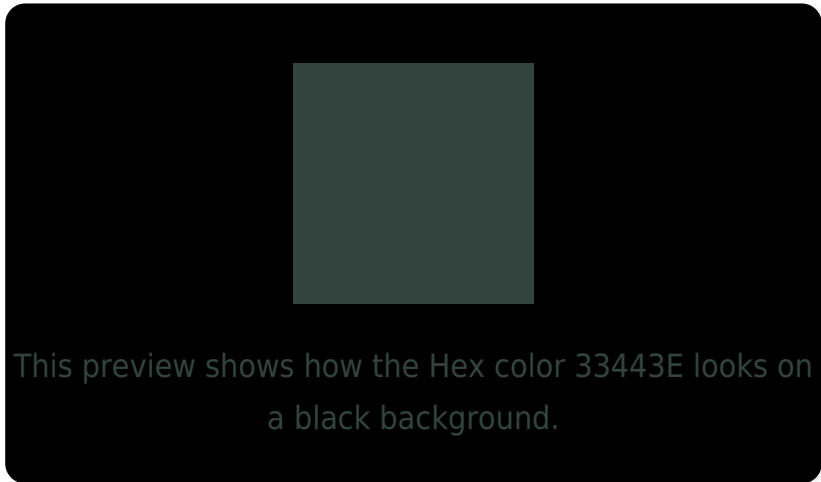
Large Text (above 18pt) WCAG AA ✓ Pass

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

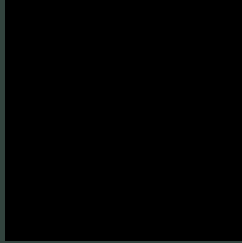
Any Text WCAG AA × Fail

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 33443E Background



This preview shows how black text looks on a background with the Hex color 33443E.



This preview shows how white text looks on a background with the Hex color 33443E.

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](#).

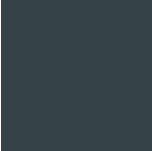
Dichromacy



Original Color
33443E

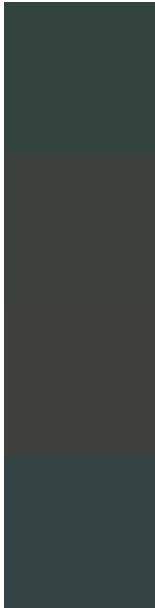
Protanopia
42403C

Deuteranopia
473E3F



Tritanopia
354348

Trichromacy



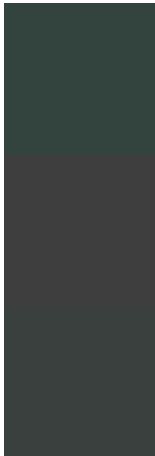
Original Color
33443E

Protanomaly
3D413D

Deuteranomaly
40403F

Tritanomaly
344344

Monochromacy



Original Color
33443E

Achromatopsia
3E3E3E

Achromatomaly
3A403E

CSS Examples

Text

The CSS property to change the color of the text to Hex 33443E 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 #33443E looks like.

```
.text, #text, p{  
    color:#33443E  
}
```

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 #33443E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33443E
}
```

Border

The CSS property to change the border of an element to Hex 33443E is called "border". The border property can be set on classes, ids or directly on the HTML element.

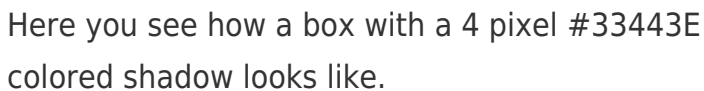
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#33443E }
```

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

```
.border{ border-color:#33443E }
```

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



Here you see how a box with a 4 pixel #33443E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33443E; -webkit-box-shadow:4px 4px  
4px 4px #33443E; box-shadow:4px 4px 4px  
4px #33443E }
```

Background

The CSS property to change the background color of an element to Hex 33443E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33443E }
```

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

```
.background{ background-color:#33443E }
```

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