

Converting Colors

Hex(23343C)

Have a look what the booklet for
Hex(23343C) contains.

Hex(23343C)	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(23343C)

Conversions

Conversions Part 1

Format	Color
Hex	23343C
RGB	35, 52, 60
RGB Percent	14%, 20%, 24%
CMY	0.8627, 0.7961, 0.7647
CMYK	0.42, 0.13, 0.00, 0.76
HSL	199°, 26%, 19%
HSV	199°, 42%, 24%
XYZ	2.7367, 3.1396, 4.7367
YIQ	47.8290, -12.7000, -1.1160

Conversions

Conversions Part 2

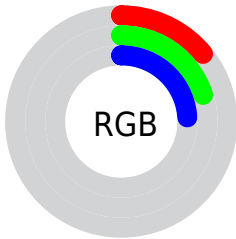
Format	Color
RYB	35, 45, 60
Decimal	2307132
CIELab	20.59, -4.48, -7.25
CIElCh	21, 8.521, 238.252
Yxy	3.1396, 0.2579, 0.2958
Android (android.graphics.Color)	4280497212 (0xFF23343C)
YUV	47.8290, 6.0003, -11.2510
Hunter-Lab	17.7188, -3.4378, -3.4467

Details

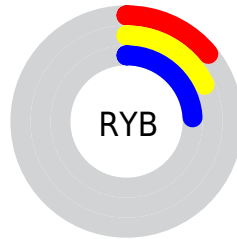
The Hex color **23343C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3C2B23**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **51626B**, and **000512** is the 20% darker color. If you saturate the color by 10%, you get **1D323C**, and if you desaturate by 10%, it is **29363C**.

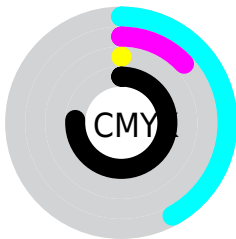
Distribution



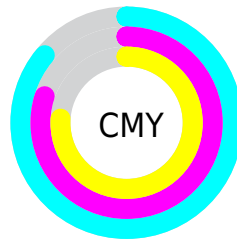
- Red (14%)
- Green (20%)
- Blue (24%)



- Red (14%)
- Yellow (18%)
- Blue (24%)



- Cyan (42%)
- Magenta (13%)
- Yellow (0%)
- Black (76%)



- Cyan (86%)
- Magenta (80%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23343C 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 23343C by changing the saturation by 10% instead.

■ 23343C

■ 23343C

FFFFFF

■ 0E1F26

■ 51626B

■ 000512

■ 697B84

■ 000000

■ 82959F

■ 9DB0BA

■ B8CBD5

■ D3E7F2

■ F0FFFF

■ 23343C

■ 23343C

■ 1D323C

■ 29363C

■ 17303C

■ 2F383C

■ 112E3C

■ 353A3C

■ 0B2C3C

■ 3B3C3C

■ 052A3C

■ 413E3C

■ 00293C

■ 47403C

■ 4D413C

■ 53433C

■ 59453C

Harmonies

Analogous

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



203537



23343C



2A323E

Triad

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



23343C



3E2D32



303327

Complementary

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



23343C



3C2B23

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.



373125



23343C



3E2E2C

Square

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



23343C



392E38



3C2F27



29342B

Rectangle

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



23343C



2F313D



3C2F27



323226

Sweetspot

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



23343C



454C4F



233C2B



222729



A8A8A8



292929

Same Dimension

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



23343C



28424F



23283C



1C1E1F



00405E



0097DE

Inverse Universe

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



3C2334



4F2842



3C3723



1F1C1E



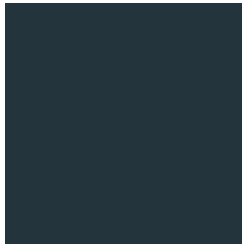
5E0040



DE0097

Previews

White Background



This preview shows how the Hex color 23343C looks on a white background.

Color Contrast Check

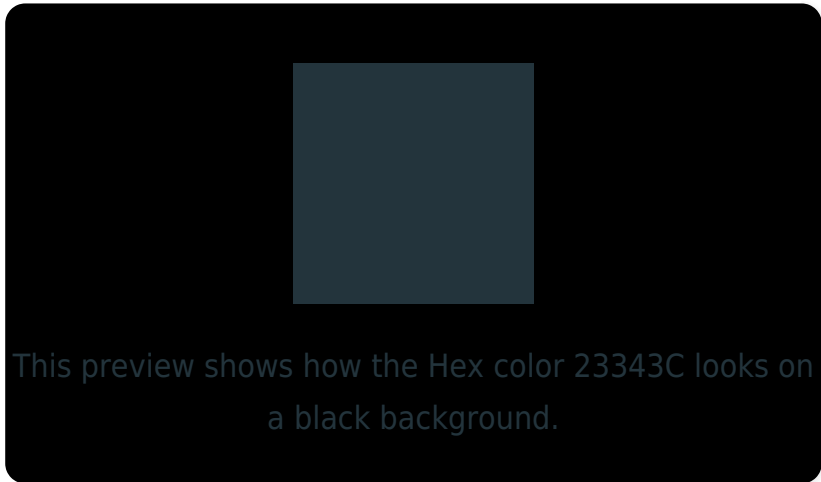
Large Text (above 18pt) WCAG AA ✓ Pass

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

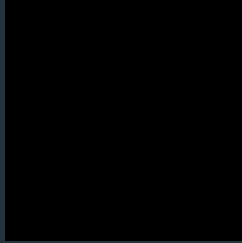
Any Text WCAG AA × Fail

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 23343C Background



This preview shows how black text looks on a background with the Hex color 23343C.



This preview shows how white text looks on a background with the Hex color 23343C.

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](#).

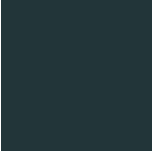
Dichromacy



Original Color
23343C

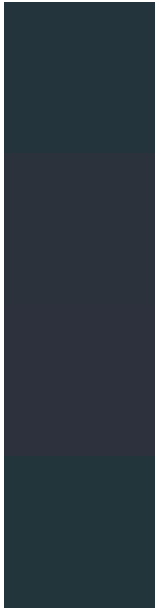
Protanopia
30313A

Deuteranopia
31303D



Tritanopia
223539

Trichromacy



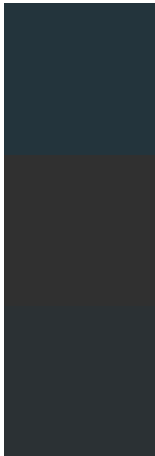
Original Color
23343C

Protanomaly
2B323B

Deuteranomaly
2C313D

Tritanomaly
22353A

Monochromacy



Original Color
23343C

Achromatopsia
303030

Achromatomaly
2B3134

CSS Examples

Text

The CSS property to change the color of the text to Hex 23343C 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 #23343C looks like.

```
.text, #text, p{  
    color:#23343C  
}
```

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 #23343C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23343C
}
```

Border

The CSS property to change the border of an element to Hex 23343C is called "border". The border property can be set on classes, ids or directly on the HTML element.

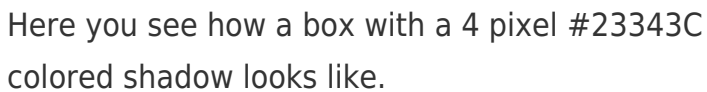
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#23343C }
```

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

```
.border{ border-color:#23343C }
```

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



Here you see how a box with a 4 pixel #23343C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23343C; -webkit-box-shadow:4px 4px  
4px 4px #23343C; box-shadow:4px 4px 4px  
4px #23343C }
```

Background

The CSS property to change the background color of an element to Hex 23343C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23343C }
```

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

```
.background{ background-color:#23343C }
```

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