

Converting Colors

Hex(17303C)

Have a look what the booklet for
Hex(17303C) contains.

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Color

Hex(17303C)

Conversions

Conversions Part 1

Format	Color
Hex	17303C
RGB	23, 48, 60
RGB Percent	9%, 19%, 24%
CMY	0.9098, 0.8118, 0.7647
CMYK	0.62, 0.20, 0.00, 0.76
HSL	199°, 45%, 16%
HSV	199°, 62%, 24%
XYZ	2.2259, 2.6223, 4.6638
YIQ	41.8930, -18.7520, -1.5680

Conversions

Conversions Part 2

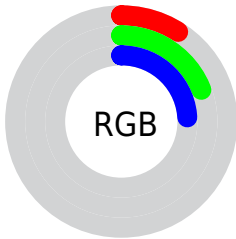
Format	Color
R_{YB}	23, 38, 60
Decimal	1519676
CIE _{Lab}	18.46, -5.50, -10.56
CIE _{LCh}	18, 11.903, 242.504
Yxy	2.6223, 0.2340, 0.2757
Android (android.graphics.Color)	4279709756 (0xFF17303C)
YUV	41.8930, 8.9268, -16.5692
Hunter-Lab	16.1935, -3.8027, -5.7403

Details

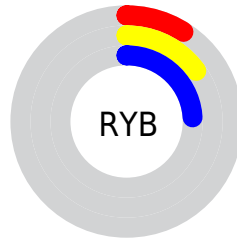
The Hex color **17303C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3C2317**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **465E6B**, and **000112** is the 20% darker color. If you saturate the color by 10%, you get **112E3C**, and if you desaturate by 10%, it is **1D323C**.

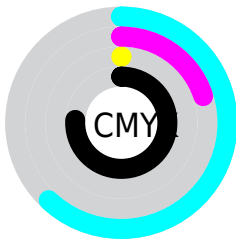
Distribution



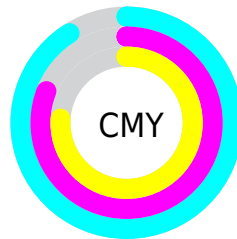
- Red (9%)
- Green (19%)
- Blue (24%)



- Red (9%)
- Yellow (15%)
- Blue (24%)



- Cyan (62%)
- Magenta (20%)
- Yellow (0%)
- Black (76%)



- Cyan (91%)
- Magenta (81%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17303C 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 17303C by changing the saturation by 10% instead.

■ 17303C

■ 17303C

FFFFFF

■ 001B26

■ 465E6B

■ 000112

■ 5E7785

■ 000000

■ 77909F

■ 91ABBA

■ ACC6D5

■ C8E2F2

■ E4FFFF

■ 17303C

■ 17303C

■ 112E3C

■ 1D323C

■ 0B2C3C

■ 23343C

■ 052A3C

■ 29363C

■ 00293C

■ 2F383C

■ 353A3C

■ 3B3C3C

■ 413E3C

■ 47403C

■ 4D423C

Harmonies

Analogous

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



113136



17303C



232E3E

Triad

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



17303C



3E272D



292F1E

Complementary

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



17303C



3C2317

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.



322D1C



17303C



3E2724

Square

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



17303C



392835



3A2A1E



1F3125

Rectangle

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



17303C



2B2C3D



3A2A1E



2C2E1D

Sweetspot

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



17303C



404A4F



173C23



1F2629



A8A8A8



292929

Same Dimension

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



17303C



153C4F



171E3C



1C1E1F



00405E



0096DE

Inverse Universe

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



3C1730



4F153C



3C3517



1F1C1E



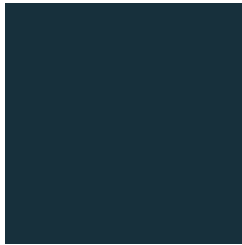
5E0040



DE0096

Previews

White Background



This preview shows how the Hex color 17303C looks on a white background.

Color Contrast Check

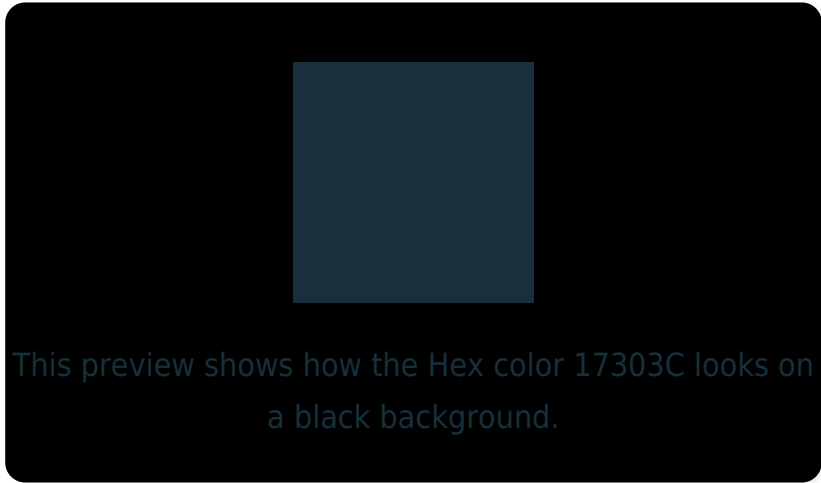
Large Text (above 18pt) WCAG AA ✓ Pass

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

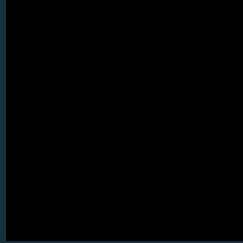
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

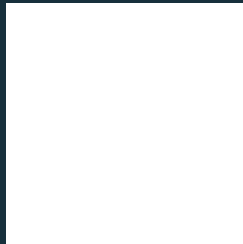
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 17303C Background



This preview shows how black text looks on a background with the Hex color 17303C.



This preview shows how white text looks on a background with the Hex color 17303C.

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](#).

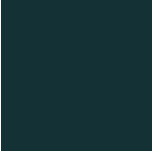
Dichromacy



Original Color
17303C

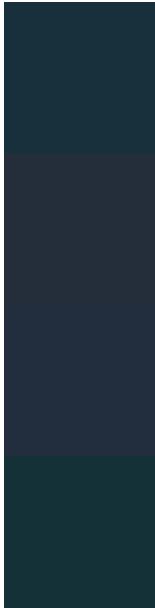
Protanopia
2A2D39

Deuteranopia
282C3D



Tritanopia
143135

Trichromacy



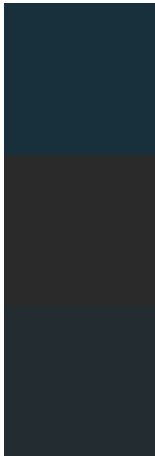
Original Color
17303C

Protanomaly
232E3A

Deuteranomaly
222D3D

Tritanomaly
153138

Monochromacy



Original Color
17303C

Achromatopsia
2A2A2A

Achromatomaly
232C31

CSS Examples

Text

The CSS property to change the color of the text to Hex 17303C 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 #17303C looks like.

```
.text, #text, p{  
    color:#17303C  
}
```

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 #17303C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17303C  
}
```

Border

The CSS property to change the border of an element to Hex 17303C is called "border". The border property can be set on classes, ids or directly on the HTML element.

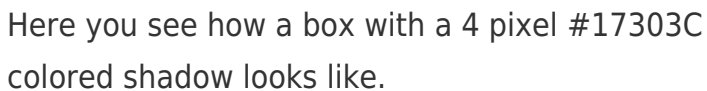
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#17303C }
```

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

```
.border{ border-color:#17303C }
```

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



Here you see how a box with a 4 pixel #17303C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17303C; -webkit-box-shadow:4px 4px  
4px 4px #17303C; box-shadow:4px 4px 4px  
4px #17303C }
```

Background

The CSS property to change the background color of an element to Hex 17303C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17303C }
```

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

```
.background{ background-color:#17303C }
```

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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