

# Converting Colors

Hex(17263C)

Have a look what the booklet for  
Hex(17263C) contains.

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# Color

Hex(17263C)

# Conversions

## Conversions Part 1

Format	Color
Hex	17263C
RGB	23, 38, 60
RGB Percent	9%, 15%, 24%
CMY	0.9098, 0.8510, 0.7647
CMYK	0.62, 0.37, 0.00, 0.76
HSL	216°, 45%, 16%
HSV	216°, 62%, 24%
XYZ	1.8621, 1.8946, 4.5425
YIQ	36.0230, -16.0020, 3.6620

# Conversions

## Conversions Part 2

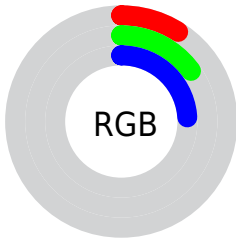
Format	Color
<a href="#">RYB</a>	<a href="#">23, 34, 60</a>
Decimal	<a href="#">1517116</a>
CIELab	<a href="#">14.92, 1.50, -16.05</a>
CIElCh	<a href="#">15, 16.117, 275.323</a>
Yxy	<a href="#">1.8946, 0.2244, 0.2283</a>
Android (android.graphics.Color)	<a href="#">4279707196 (0xFF17263C)</a>
YUV	<a href="#">36.0230, 11.8207, -11.4212</a>
Hunter-Lab	<a href="#">13.7646, 0.0596, -9.9315</a>

# Details

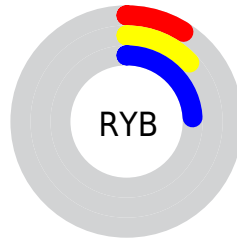
The Hex color **17263C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3C2D17**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **45536B**, and **000111** is the 20% darker color. If you saturate the color by 10%, you get **11223C**, and if you desaturate by 10%, it is **1D2A3C**.

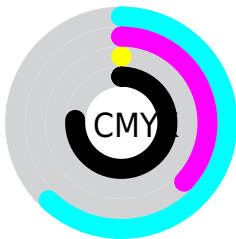
# Distribution



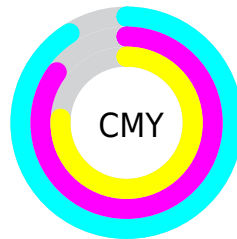
- Red (9%)
- Green (15%)
- Blue (24%)



- Red (9%)
- Yellow (13%)
- Blue (24%)



- Cyan (62%)
- Magenta (37%)
- Yellow (0%)
- Black (76%)



- Cyan (91%)
- Magenta (85%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 17263C 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 17263C by changing the saturation by 10% instead.



■ 17263C

■ 17263C

FFFFFF

■ 001126

■ 45536B

■ 000111

■ 5E6B85

■ 000000

■ 77849F

■ 919EBA

■ ABB9D6

■ C7D4F2

■ E3F1FF

■ 17263C

■ 17263C

■ 11223C

■ 1D2A3C

■ 0B1F3C

■ 232D3C

■ 051B3C

■ 29313C

■ 00183C

■ 2F343C

■ 35383C

■ 3B3B3C

■ 413F3C

■ 47433C

■ 4D463C

# Harmonies

## Analogous

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



00293A



17263C



292238

# Triad

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



17263C



3A1E19



102B1C

# Complementary

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



17263C



3C2D17

# 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.



1F2912



17263C



342211

# Square

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



17263C



3B1C24



2B260E



002B27

# Rectangle

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



17263C



321F33



2B260E



152A18



# Sweetspot

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



17263C



40464F



173C2D



1F2329



A8A8A8



292929



# Same Dimension

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



17263C



152C4F



1A173C



1C1D1F



00265E



005ADE



# Inverse Universe

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



3C1726



4F152C



393C17



1F1C1D



5E0026

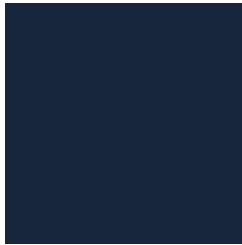


DE005A



# Previews

## White Background



This preview shows how the Hex color 17263C looks on a white background.

## Color Contrast Check

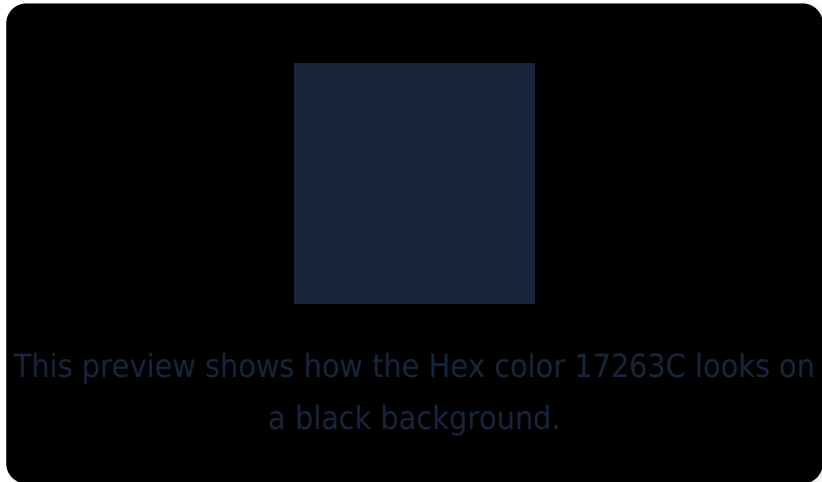
Large Text (above 18pt) WCAG AA ✓ Pass

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

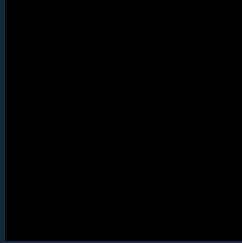
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 17263C Background



This preview shows how black text looks on a background with the Hex color 17263C.



This preview shows how white text looks on a background with the Hex color 17263C.

# 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**  
17263C

**Protanopia**  
1D253B

**Deuteranopia**  
19263C



**Tritanopia**  
0F292D

# Trichromacy



**Original Color**  
17263C

**Protanomaly**  
1B253B

**Deuteranomaly**  
18263C

**Tritanomaly**  
122832

# Monochromacy



**Original Color**  
17263C

**Achromatopsia**  
242424

**Achromatomaly**  
1F252D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 17263C 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 #17263C looks like.

```
.text, #text, p{  
    color:#17263C  
}
```

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 #17263C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17263C
}
```

## Border

The CSS property to change the border of an element to Hex 17263C is called "border". The border property can be set on classes, ids or directly on the HTML element.

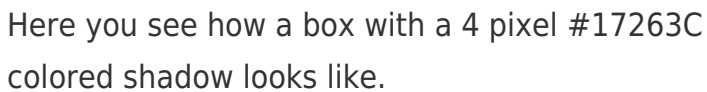
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#17263C }
```

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

```
.border{ border-color:#17263C }
```

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



Here you see how a box with a 4 pixel #17263C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17263C; -webkit-box-shadow:4px 4px  
4px 4px #17263C; box-shadow:4px 4px 4px  
4px #17263C }
```

# Background

The CSS property to change the background color of an element to Hex 17263C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17263C }
```

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

```
.background{ background-color:#17263C }
```

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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