

Converting Colors

Hex(18373A)

Have a look what the booklet for
Hex(18373A) contains.

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Color

Hex(18373A)

Conversions

Conversions Part 1

Format	Color
Hex	18373A
RGB	24, 55, 58
RGB Percent	9%, 22%, 23%
CMY	0.9059, 0.7843, 0.7725
CMYK	0.59, 0.05, 0.00, 0.77
HSL	185°, 41%, 16%
HSV	185°, 59%, 23%
XYZ	2.5066, 3.2321, 4.4947
YIQ	46.0730, -19.4390, -5.6390

Conversions

Conversions Part 2

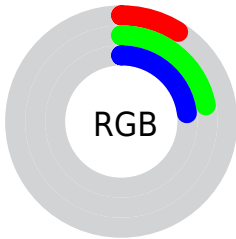
Format	Color
R_{YB}	24, 40, 58
Decimal	1587002
CIE _{Lab}	20.95, -10.44, -5.41
CIE _{LCh}	21, 11.760, 207.409
Yxy	3.2321, 0.2449, 0.3158
Android (android.graphics.Color)	4279777082 (0xFF18373A)
YUV	46.0730, 5.8800, -19.3580
Hunter-Lab	17.9779, -6.5737, -2.2388




Details

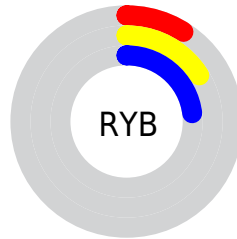
The Hex color **18373A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3A1B18**, and the grayscale version is **2E2E2E**.




A 20% lighter version of the original color is **476669**, and **000710** is the 20% darker color. If you saturate the color by 10%, you get **12363A**, and if you desaturate by 10%, it is **1E383A**.

Distribution







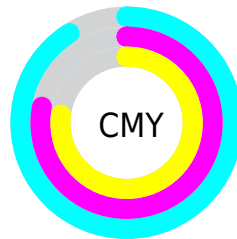
-  Red (9%)
-  Green (22%)
-  Blue (23%)






-  Red (9%)
-  Yellow (16%)
-  Blue (23%)



-  Cyan (59%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (77%)



-  Cyan (91%)
-  Magenta (78%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18373A 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 18373A by changing the saturation by 10% instead.

■ 18373A

■ 18373A

FFFFFF

■ 012224

■ 476669

■ 000710

■ 5F7F82

■ 000000

■ 78999C

■ 93B4B7

■ AECFD3

■ C9ECEF

■ E5FFFF

■ 18373A

■ 18373A

■ 12363A

■ 1E383A

■ 0C363A

■ 24383A

■ 07353A

■ 29393A

■ 01353A

■ 2F393A

■ 00353A

■ 353A3A

■ 3B3A3A

■ 413B3A

■ 463B3A

■ 4C3C3A

Harmonies

Analogous

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



1D3731



18373A



1C3641

Triad

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



18373A



3D2E3C



393221

Complementary

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



18373A



3A1B18

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.



402F24



18373A



432C33

Square

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



18373A



333042



442D2B



303423

Rectangle

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



18373A



223443



442D2B



3C3122

Sweetspot

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



18373A



3F4B4D



183A1B



1E2626



A6A6A6



262626

Same Dimension

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



18373A



17484D



18263A



191C1C



00545C



00C8DB

Inverse Universe

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



3A1837



4D1748



3A2C18



1C191C



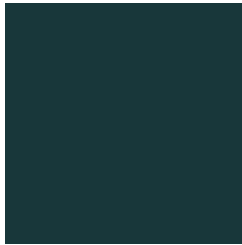
5C0054



DB00C8

Previews

White Background



This preview shows how the Hex color 18373A looks on a white background.

Color Contrast Check

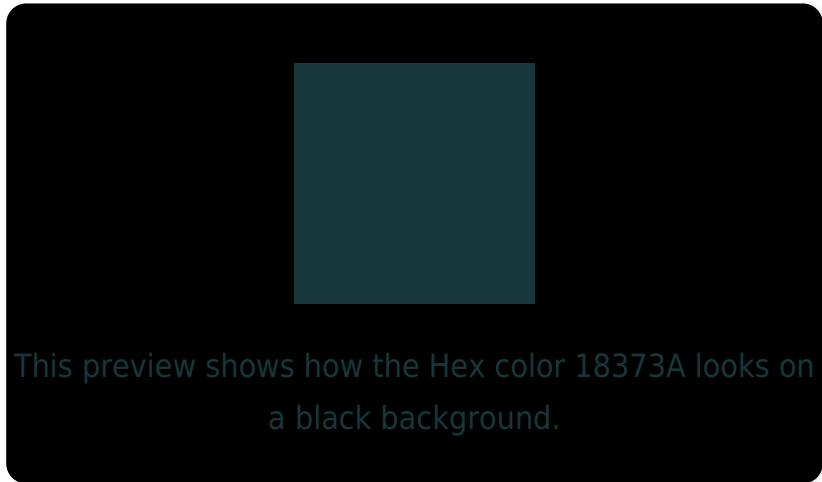
Large Text (above 18pt) WCAG AA ✓ Pass

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

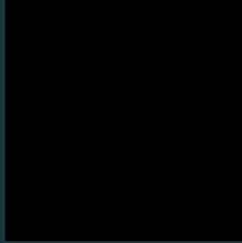
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

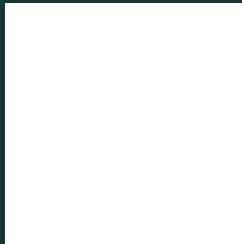
Any Text WCAG AAA × Fail

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

Hex 18373A Background



This preview shows how black text looks on a background with the Hex color 18373A.



This preview shows how white text looks on a background with the Hex color 18373A.

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
18373A

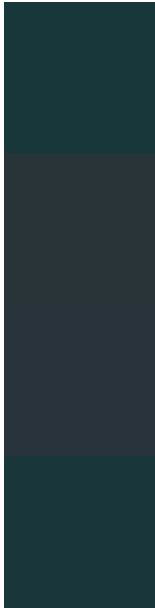
Protanopia
323237

Deuteranopia
33313B



Tritanopia
19373B

Trichromacy



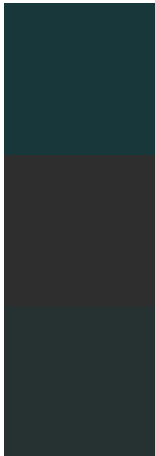
Original Color
18373A

Protanomaly
293438

Deuteranomaly
29333B

Tritanomaly
19373B

Monochromacy



Original Color
18373A

Achromatopsia
2E2E2E

Achromatomaly
263132

CSS Examples

Text

The CSS property to change the color of the text to Hex 18373A 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 #18373A looks like.

```
.text, #text, p{  
    color:#18373A  
}
```

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 #18373A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18373A
}
```

Border

The CSS property to change the border of an element to Hex 18373A 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
#18373A }
```

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

```
.border{ border-color:#18373A }
```

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

Here you see how a box with a 4 pixel #18373A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18373A; -webkit-box-shadow:4px 4px  
4px 4px #18373A; box-shadow:4px 4px 4px  
4px #18373A }
```

Background

The CSS property to change the background color of an element to Hex 18373A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18373A }
```

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

```
.background{ background-color:#18373A }
```

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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