

Converting Colors

Hex(10393C)

Have a look what the booklet for
Hex(10393C) contains.

Hex(10393C)	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(10393C)

Conversions

Conversions Part 1

Format	Color
Hex	10393C
RGB	16, 57, 60
RGB Percent	6%, 22%, 24%
CMY	0.9373, 0.7765, 0.7647
CMYK	0.73, 0.05, 0.00, 0.76
HSL	184°, 58%, 15%
HSV	184°, 73%, 24%
XYZ	2.4924, 3.3627, 4.7927
YIQ	45.0830, -25.3990, -7.7590

Conversions

Conversions Part 2

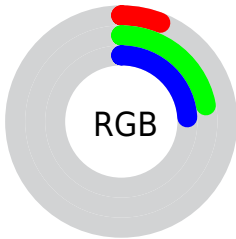
Format	Color
R_{YB}	16, 37, 60
Decimal	1063228
CIE Lab	21.44, -12.84, -6.06
CIE LCh	21, 14.197, 205.275
Yxy	3.3627, 0.2341, 0.3158
Android (android.graphics.Color)	4279253308 (0xFF10393C)
YUV	45.0830, 7.3541, -25.5058
Hunter-Lab	18.3376, -7.8292, -2.6596

Details

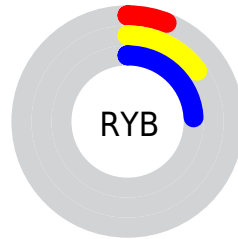
The Hex color **10393C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3C1310**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **41686B**, and **000B12** is the 20% darker color. If you saturate the color by 10%, you get **0A393C**, and if you desaturate by 10%, it is **16393C**.

Distribution



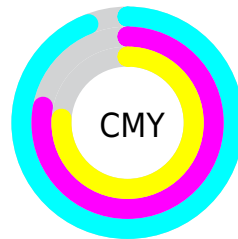
- Red (6%)
- Green (22%)
- Blue (24%)



- Red (6%)
- Yellow (15%)
- Blue (24%)



- Cyan (73%)
- Magenta (5%)
- Yellow (0%)
- Black (76%)



- Cyan (94%)
- Magenta (78%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10393C 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 10393C by changing the saturation by 10% instead.

 10393C

 10393C

 FDFFF

 002326

 41686B

 000B12

 5A8184

 000000

 739B9F

 8EB6B9

 A9D2D5

 C4EEF2

 E0FFFF

 10393C

 10393C

■ 0A393C

■ 16393C

■ 04383C

■ 1C3A3C

■ 00383C

■ 223A3C

■ 283B3C

■ 2E3B3C

■ 343B3C

■ 3A3C3C

■ 403C3C

■ 463D3C

Harmonies

Analogous

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



193931



10393C



143844

Triad

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



10393C



3F2E3F



3C321F

Complementary

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



10393C



3C1310

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.



442F23



10393C



472C36

Square

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



10393C



333146



482C2B



313620

Rectangle

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



10393C



1D3647



482C2B



3F311F

Sweetspot

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



10393C



3E4E4F



103C13



1E2829



A8A8A8



292929

Same Dimension

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



10393C



094A4F



10233C



1C1E1F



00585E



00CFDE

Inverse Universe

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



3C1039



4F094A



3C2910



1F1C1E



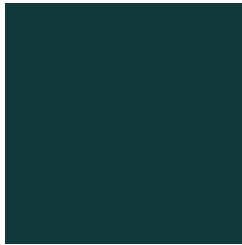
5E0058



DE00CF

Previews

White Background



This preview shows how the Hex color 10393C 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

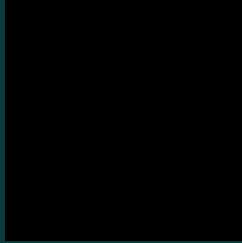
Any Text WCAG AA × Fail

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 10393C Background



This preview shows how black text looks on a background with the Hex color 10393C.



This preview shows how white text looks on a background with the Hex color 10393C.

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](#).

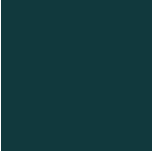
Dichromacy



Original Color
10393C

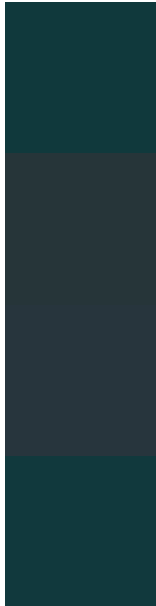
Protanopia
333338

Deuteranopia
34323D



Tritanopia
11393D

Trichromacy



Original Color
10393C

Protanomaly
263539

Deuteranomaly
27353D

Tritanomaly
11393D

Monochromacy



Original Color
10393C

Achromatopsia
2D2D2D

Achromatomaly
223132

CSS Examples

Text

The CSS property to change the color of the text to Hex 10393C 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 #10393C looks like.

```
.text, #text, p{  
    color:#10393C  
}
```

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 #10393C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10393C
}
```

Border

The CSS property to change the border of an element to Hex 10393C 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".

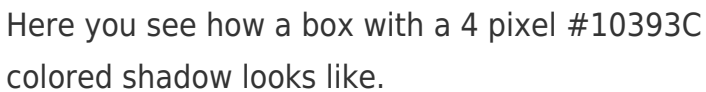
```
.border, #border, table{ border:4px solid
#10393C }
```

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

```
.border{ border-color:#10393C }
```

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

Here you see how a box with a 4 pixel #10393C colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10393C; -webkit-box-shadow:4px 4px  
4px 4px #10393C; box-shadow:4px 4px 4px  
4px #10393C }
```

Background

The CSS property to change the background color of an element to Hex 10393C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10393C }
```

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

```
.background{ background-color:#10393C }
```

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