

Converting Colors

Hex(0A333C)

Have a look what the booklet for
Hex(0A333C) contains.

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Color

Hex(0A333C)

Conversions

Conversions Part 1

Format	Color
Hex	0A333C
RGB	10, 51, 60
RGB Percent	4%, 20%, 24%
CMY	0.9608, 0.8000, 0.7647
CMYK	0.83, 0.15, 0.00, 0.76
HSL	191°, 71%, 14%
HSV	191°, 83%, 24%
XYZ	2.1246, 2.7584, 4.6954
YIQ	39.7670, -27.3250, -5.8930

Conversions

Conversions Part 2

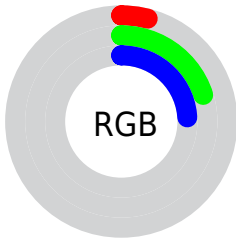
Format	Color
R_{YB}	10, 33, 60
Decimal	668476
CIE _{Lab}	19.05, -10.23, -9.71
CIE _{LCh}	19, 14.099, 223.502
Yxy	2.7584, 0.2218, 0.2880
Android (android.graphics.Color)	4278858556 (0xFF0A333C)
YUV	39.7670, 9.9749, -26.1057
Hunter-Lab	16.6085, -6.2306, -5.1360

Details

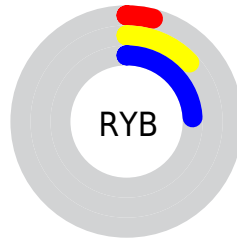
The Hex color **0A333C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3C130A**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **3D616B**, and **000112** is the 20% darker color. If you saturate the color by 10%, you get **04323C**, and if you desaturate by 10%, it is **10343C**.

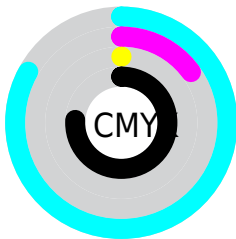
Distribution



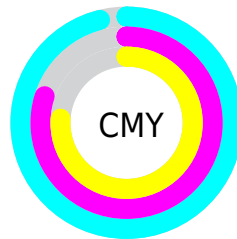
- Red (4%)
- Green (20%)
- Blue (24%)



- Red (4%)
- Yellow (13%)
- Blue (24%)



- Cyan (83%)
- Magenta (15%)
- Yellow (0%)
- Black (76%)



- Cyan (96%)
- Magenta (80%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A333C 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 0A333C by changing the saturation by 10% instead.

 0A333C

 0A333C

 F8FFFF

 001E26

 3D616B

 000112

 567A85

 000000

 6F949F

 89AFBA

 A4CAD5

 BFE6F2

 DBFFFF

 0A333C

 0A333C

■ 04323C

■ 10343C

■ 00313C

■ 16353C

■ 1C363C

■ 22373C

■ 28383C

■ 2E393C

■ 343B3C

■ 3A3C3C

■ 403D3C

Harmonies

Analogous

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



0D3433



0A333C



173142

Triad

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



0A333C



3F2734



312F1A

Complementary

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



0A333C



3C130A

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.



3A2C1B



0A333C



42262A

Square

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



0A333C



352A3D



412821



25321F

Rectangle

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



0A333C



222F43



412821



342E1A

Sweetspot

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



0A333C



3B4B4F



0A3C12



1D2729



A8A8A8



292929

Same Dimension

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



0A333C



00414F



0A1B3C



1C1E1F



004D5E



00B6DE

Inverse Universe

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



3C0A33



4F0041



3C2B0A



1F1C1E



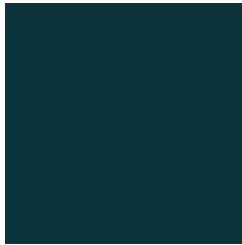
5E004D



DE00B6

Previews

White Background



This preview shows how the Hex color 0A333C looks on a white background.

Color Contrast Check

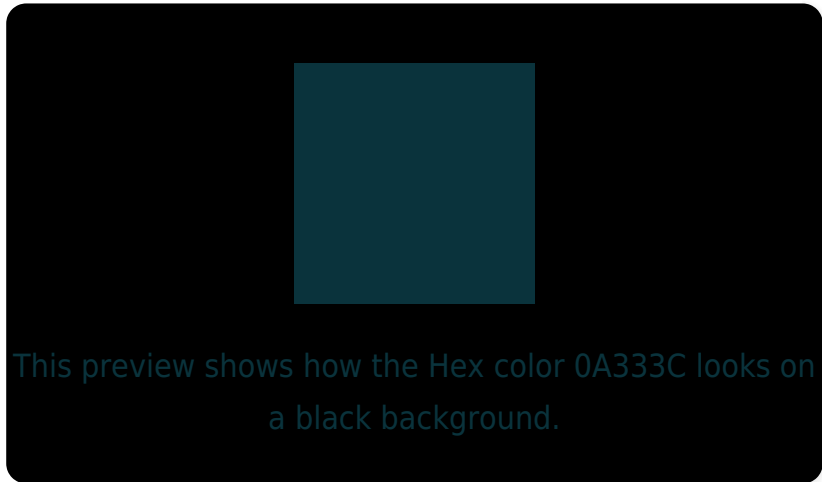
Large Text (above 18pt) WCAG AA ✓ Pass

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

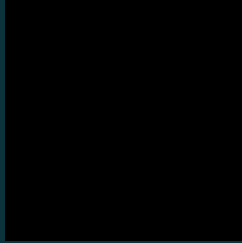
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

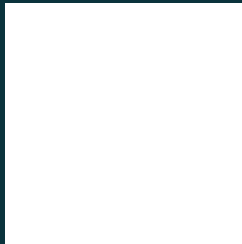
Any Text WCAG AAA × Fail

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

Hex 0A333C Background



This preview shows how black text looks on a background with the Hex color 0A333C.



This preview shows how white text looks on a background with the Hex color 0A333C.

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

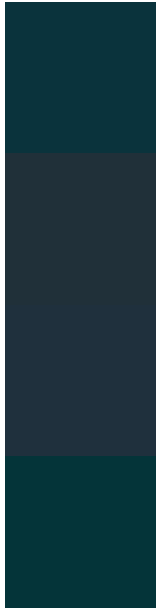


Original Color
0A333C

Protanopia
2C2E38

Deuteranopia
2B2E3D

Trichromacy



Original Color
0A333C

Protanomaly
203039

Deuteranomaly
1F303D

Tritanomaly
043439

Monochromacy



Original Color
0A333C

Achromatopsia
282828

Achromatomaly
1D2C2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A333C 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 #0A333C looks like.

```
.text, #text, p{  
    color:#0A333C  
}
```

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 #0A333C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A333C
}
```

Border

The CSS property to change the border of an element to Hex 0A333C 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
#0A333C }
```

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

```
.border{ border-color:#0A333C }
```

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

Here you see how a box with a 4 pixel #0A333C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A333C; -webkit-box-shadow:4px 4px  
4px 4px #0A333C; box-shadow:4px 4px 4px  
4px #0A333C }
```

Background

The CSS property to change the background color of an element to Hex 0A333C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A333C }
```

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

```
.background{ background-color:#0A333C }
```

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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