

# Converting Colors

Hex(0A3A3B)

Have a look what the booklet for  
Hex(0A3A3B) contains.

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# Color

**Hex(0A3A3B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A3A3B
RGB	10, 58, 59
RGB Percent	4%, 23%, 23%
CMY	0.9608, 0.7725, 0.7686
CMYK	0.83, 0.02, 0.00, 0.77
HSL	181°, 71%, 14%
HSV	181°, 83%, 23%
XYZ	2.4276, 3.4064, 4.6672
YIQ	43.7620, -28.9290, -9.8650

# Conversions

## Conversions Part 2

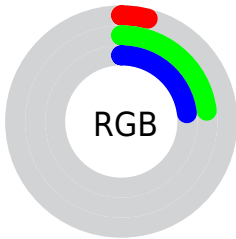
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 34, 59
Decimal	670267
CIELab	21.60, -14.83, -5.16
CIELCh	22, 15.706, 199.186
Yxy	3.4064, 0.2312, 0.3244
Android (android.graphics.Color)	4278860347 (0xFF0A3A3B)
YUV	43.7620, 7.5123, -29.6093
Hunter-Lab	18.4565, -8.8200, -2.0736

# Details

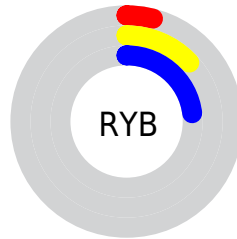
The Hex color **0A3A3B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3B0B0A**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **3E696A**, and **000C11** is the 20% darker color. If you saturate the color by 10%, you get **043A3B**, and if you desaturate by 10%, it is **103A3B**.

# Distribution



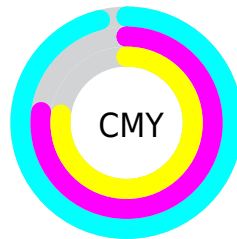
- Red (4%)
- Green (23%)
- Blue (23%)



- Red (4%)
- Yellow (13%)
- Blue (23%)



- Cyan (83%)
- Magenta (2%)
- Yellow (0%)
- Black (77%)



- Cyan (96%)
- Magenta (77%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A3A3B 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 0A3A3B by changing the saturation by 10% instead.



0A3A3B

0A3A3B

FAFFFF

002425

3E696A

000C11

578383

000000

709D9D

8AB8B8

A5D3D4

C1F0F0

DFFFFFF

0A3A3B

0A3A3B

■ 043A3B

■ 103A3B

■ 003A3B

■ 163A3B

■ 1C3A3B

■ 223A3B

■ 273B3B

■ 2D3B3B

■ 333B3B

■ 393B3B

■ 3F3B3B

# Harmonies

## Analogous

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



183A2F



0A3A3B



0B3945

# Triad

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



0A3A3B



3E2E43



3F321D

# Complementary

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



0A3A3B



3B0B0A

# 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.



472E23



0A3A3B



482B38

# Square

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



0A3A3B



2F324A



4B2B2D



34351E

# Rectangle

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



0A3A3B



163749



4B2B2D



42301E



# Sweetspot

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



0A3A3B



394C4D



0A3B0B



1B2626



A6A6A6



262626



# Same Dimension

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



0A3A3B



004B4D



0A223B



1C1F1F



005C5E



00D9DE



# Inverse Universe

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



3B0A3A



4D004B



3B230A



1F1C1F



5E005C



DE00D9



# Previews

## White Background



This preview shows how the Hex color 0A3A3B looks on a white background.

## Color Contrast Check

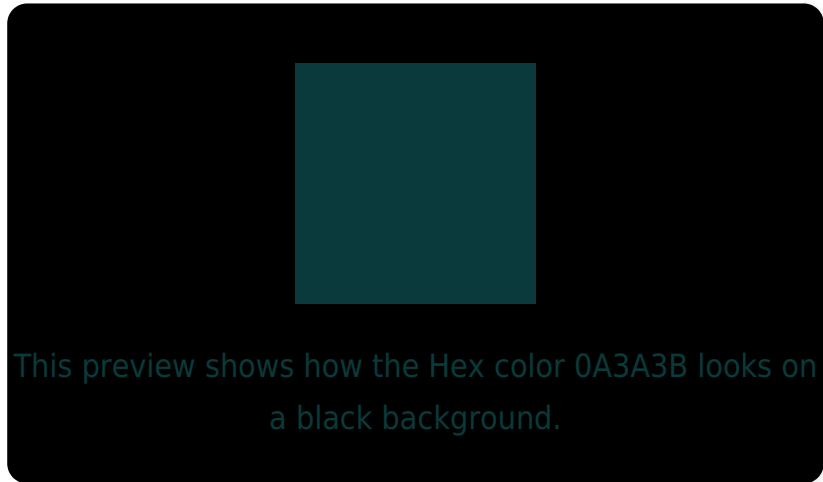
Large Text (above 18pt) WCAG AA ✓ Pass

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

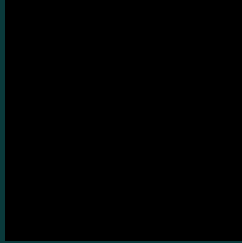
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0A3A3B Background



This preview shows how black text looks on a background with the Hex color 0A3A3B.



This preview shows how white text looks on a background with the Hex color 0A3A3B.

# 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



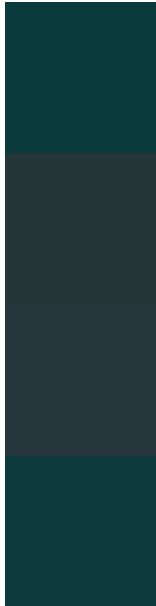
**Original Color**  
0A3A3B

**Protanopia**  
343437

**Deuteranopia**  
35333D



# Trichromacy



**Original Color**  
0A3A3B

**Protanomaly**  
253638

**Deuteranomaly**  
25363C

**Tritanomaly**  
0C3A3D

# Monochromacy



**Original Color**  
0A3A3B

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
203131

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A3A3B 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 #0A3A3B looks like.

```
.text, #text, p{  
    color:#0A3A3B  
}
```

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 #0A3A3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A3A3B
}
```

## Border

The CSS property to change the border of an element to Hex 0A3A3B 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
#0A3A3B }
```

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

```
.border{ border-color:#0A3A3B }
```

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

Here you see how a box with a 4 pixel #0A3A3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A3A3B; -webkit-box-shadow:4px 4px  
4px 4px #0A3A3B; box-shadow:4px 4px 4px  
4px #0A3A3B }
```

# Background

The CSS property to change the background color of an element to Hex 0A3A3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A3A3B }
```

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

```
.background{ background-color:#0A3A3B }
```

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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