

# Converting Colors

Hex(0C3A3A)

Have a look what the booklet for  
Hex(0C3A3A) contains.

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# Color

**Hex(0C3A3A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C3A3A
RGB	12, 58, 58
RGB Percent	5%, 23%, 23%
CMY	0.9529, 0.7725, 0.7725
CMYK	0.79, 0.00, 0.00, 0.77
HSL	180°, 66%, 14%
HSV	180°, 79%, 23%
XYZ	2.4284, 3.4098, 4.5331
YIQ	44.2460, -27.4160, -9.7520

# Conversions

## Conversions Part 2

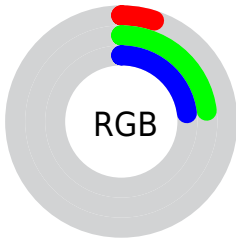
Format	Color
<b>R<sub>YB</sub></b>	12, 35, 58
Decimal	801338
CIE <sub>Lab</sub>	21.62, -14.87, -4.46
CIE <sub>LCh</sub>	22, 15.527, 196.706
Yxy	3.4098, 0.2341, 0.3288
Android (android.graphics.Color)	4278991418 (0xFF0C3A3A)
YUV	44.2460, 6.7807, -28.2797
Hunter-Lab	18.4655, -8.8402, -1.6294

# Details

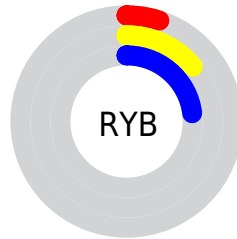
The Hex color **0C3A3A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3A0C0C**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **3F6969**, and **000C10** is the 20% darker color. If you saturate the color by 10%, you get **063A3A**, and if you desaturate by 10%, it is **123A3A**.

# Distribution



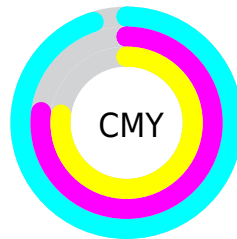
- Red (5%)
- Green (23%)
- Blue (23%)



- Red (5%)
- Yellow (14%)
- Blue (23%)



- Cyan (79%)
- Magenta (0%)
- Yellow (0%)
- Black (77%)



- Cyan (95%)
- Magenta (77%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C3A3A 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 0C3A3A by changing the saturation by 10% instead.



 0C3A3A

 0C3A3A

 FBFFFF

 002424

 3F6969

 000C10

 588382

 000000

 719D9C

 8BB8B7

 A6D3D3

 C2F0EF

 DEFFFF

 0C3A3A

 0C3A3A

063A3A

123A3A

003A3A

183A3A

1D3A3A

233A3A

293A3A

2F3A3A

353A3A

3A3A3A

403A3A

# Harmonies

## Analogous

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



1A3A2E



0C3A3A



0B3944

# Triad

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



0C3A3A



3D2F44



40311E

# Complementary

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



0C3A3A



3A0C0C

# 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.



482E24



0C3A3A



472C39

# Square

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



0C3A3A



2E334A



4A2B2E



35351E

# Rectangle

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



0C3A3A



153749



4A2B2E



43301F



# Sweetspot

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



0C3A3A



3A4D4D



0C3A0C



1B2626



A6A6A6



262626



# Same Dimension

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



0C3A3A



044D4D



0C233A



191C1C



005C5C



00DBDB



# Inverse Universe

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



3A0C3A



4D044D



3A230C



1C191C



5C005C



DB00DB



# Previews

## White Background



This preview shows how the Hex color 0C3A3A looks on a white background.

## Color Contrast Check

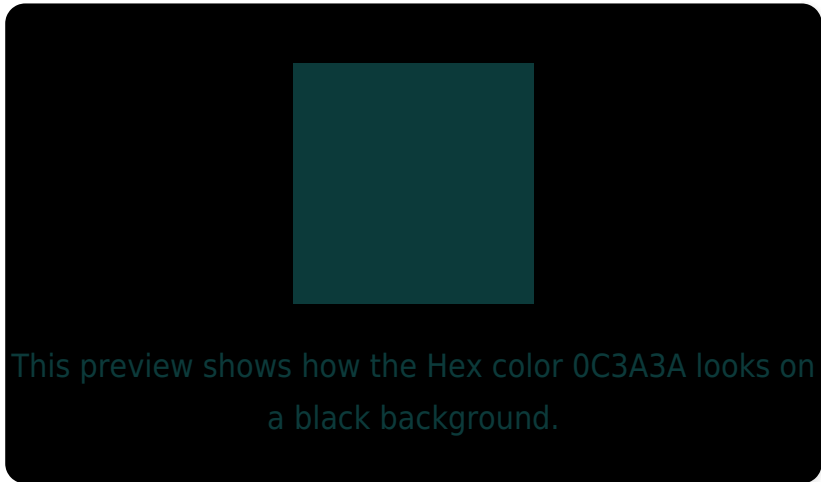
Large Text (above 18pt) WCAG AA ✓ Pass

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

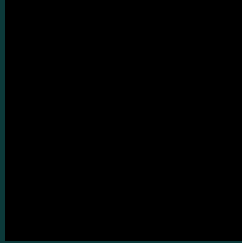
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0C3A3A Background



This preview shows how black text looks on a background with the Hex color 0C3A3A.



This preview shows how white text looks on a background with the Hex color 0C3A3A.

# 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**  
0C3A3A

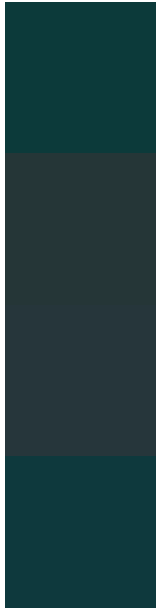
**Protanopia**  
343436

**Deuteranopia**  
35333C



**Tritanopia**  
0F393E

# Trichromacy



**Original Color**  
0C3A3A

**Protanomaly**  
253637

**Deuteranomaly**  
26363B

**Tritanomaly**  
0E393D

# Monochromacy



**Original Color**  
0C3A3A

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
203131

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C3A3A 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 #0C3A3A looks like.

```
.text, #text, p{  
    color:#0C3A3A  
}
```

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 #0C3A3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C3A3A
}
```

## Border

The CSS property to change the border of an element to Hex 0C3A3A 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
#0C3A3A }
```

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

```
.border{ border-color:#0C3A3A }
```

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

Here you see how a box with a 4 pixel #0C3A3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C3A3A; -webkit-box-shadow:4px 4px  
4px 4px #0C3A3A; box-shadow:4px 4px 4px  
4px #0C3A3A }
```

# Background

The CSS property to change the background color of an element to Hex 0C3A3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C3A3A }
```

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

```
.background{ background-color:#0C3A3A }
```

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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