

Converting Colors

Hex(0A3E3B)

Have a look what the booklet for
Hex(0A3E3B) contains.

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Color

Hex(0A3E3B)

Conversions

Conversions Part 1

Format	Color
Hex	0A3E3B
RGB	10, 62, 59
RGB Percent	4%, 24%, 23%
CMY	0.9608, 0.7569, 0.7686
CMYK	0.84, 0.00, 0.05, 0.76
HSL	177°, 72%, 14%
HSV	177°, 84%, 24%
XYZ	2.6372, 3.8255, 4.7371
YIQ	46.1100, -30.0290, -11.9570

Conversions

Conversions Part 2

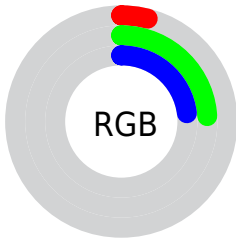
Format	Color
RYB	10, 37, 62
Decimal	671291
CIELab	23.09, -17.10, -2.95
CIElCh	23, 17.358, 189.792
Yxy	3.8255, 0.2355, 0.3416
Android (android.graphics.Color)	4278861371 (0xFF0A3E3B)
YUV	46.1100, 6.3548, -31.6685
Hunter-Lab	19.5590, -10.1604, -0.6684

Details

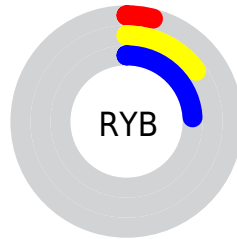
The Hex color **0A3E3B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3E0A0D**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **3F6E6A**, and **001311** is the 20% darker color. If you saturate the color by 10%, you get **043E3B**, and if you desaturate by 10%, it is **103E3B**.

Distribution



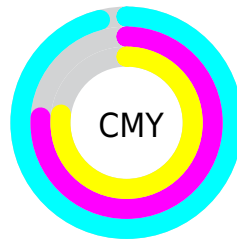
- Red (4%)
- Green (24%)
- Blue (23%)



- Red (4%)
- Yellow (15%)
- Blue (24%)



- Cyan (84%)
- Magenta (0%)
- Yellow (5%)
- Black (76%)



- Cyan (96%)
- Magenta (76%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A3E3B 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 0A3E3B by changing the saturation by 10% instead.

 0A3E3B

 0A3E3B

 FBFFFF

 002825

 3F6E6A

 001311

 588783

 000000

 71A29D

 8CBDB8

 A7D9D4

 C2F5F0

 DEFFFF

 0A3E3B

 0A3E3B

■ 043E3B

■ 103E3B

■ 003E3A

■ 163E3C

■ 1D3E3C

■ 233E3C

■ 293E3D

■ 2F3E3D

■ 353E3E

■ 3C3E3E

■ 423E3E

Harmonies

Analogous

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



1D3D2E



0A3E3B



013D47

Triad

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



0A3E3B



3E324B



47331F

Complementary

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



0A3E3B



3E0A0D

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.



4F2F27



0A3E3B



4B2E40

Square

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



0A3E3B



2B3750



502D33



3B381D

Rectangle

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



0A3E3B



0C3C4D



502D33



4A3221

Sweetspot

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



0A3E3B



3D5250



0D3E0A



1D2928



A8A8A8



292929

Same Dimension

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



0A3E3B



00524D



0A273E



1C1F1E



005E59



00DED1

Inverse Universe

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



3E0A0D



520005



3E210A



1F1C1C



5E0005



DE000D

Previews

White Background



This preview shows how the Hex color 0A3E3B looks on a white background.

Color Contrast Check

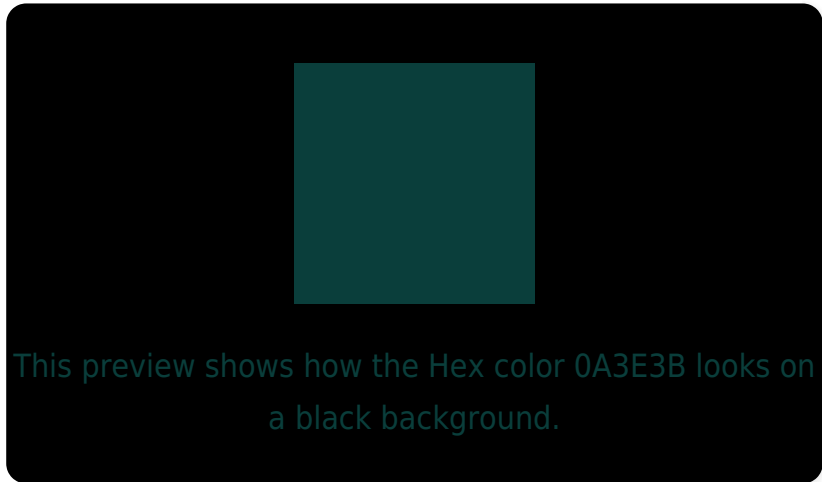
Large Text (above 18pt) WCAG AA ✓ Pass

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

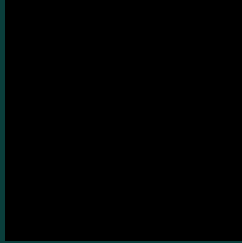
Any Text WCAG AA × Fail

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 0A3E3B Background



This preview shows how black text looks on a background with the Hex color 0A3E3B.



This preview shows how white text looks on a background with the Hex color 0A3E3B.

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](#).

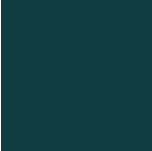
Dichromacy



Original Color
0A3E3B

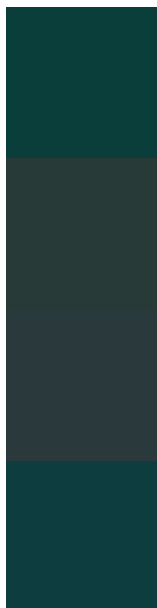
Protanopia
383737

Deuteranopia
3A363D



Tritanopia
103D42

Trichromacy



Original Color

0A3E3B

Protanomaly

273A38

Deuteranomaly

29393C

Tritanomaly

0E3D3F

Monochromacy



Original Color

0A3E3B

Achromatopsia

2E2E2E

Achromatomaly

213433

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A3E3B 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 #0A3E3B looks like.

```
.text, #text, p{  
    color:#0A3E3B  
}
```

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 #0A3E3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A3E3B
}
```

Border

The CSS property to change the border of an element to Hex 0A3E3B 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
#0A3E3B }
```

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

```
.border{ border-color:#0A3E3B }
```

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

Here you see how a box with a 4 pixel #0A3E3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A3E3B; -webkit-box-shadow:4px 4px  
4px 4px #0A3E3B; box-shadow:4px 4px 4px  
4px #0A3E3B }
```

Background

The CSS property to change the background color of an element to Hex 0A3E3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A3E3B }
```

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

```
.background{ background-color:#0A3E3B }
```

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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