

Converting Colors

Hex(0F3A2B)

Have a look what the booklet for
Hex(0F3A2B) contains.

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Color

Hex(0F3A2B)

Conversions

Conversions Part 1

Format	Color
Hex	0F3A2B
RGB	15, 58, 43
RGB Percent	6%, 23%, 17%
CMY	0.9412, 0.7725, 0.8314
CMYK	0.74, 0.00, 0.26, 0.77
HSL	159°, 59%, 14%
HSV	159°, 74%, 23%
XYZ	2.1461, 3.3021, 2.8098
YIQ	43.4330, -20.8130, -13.7810

Conversions

Conversions Part 2

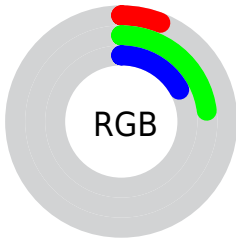
Format	Color
R_{YB}	15, 41, 58
Decimal	997931
CIE _{Lab}	21.22, -19.09, 5.06
CIE _{LCh}	21, 19.749, 165.147
Yxy	3.3021, 0.2599, 0.3999
Android (android.graphics.Color)	4279188011 (0xFF0F3A2B)
YUV	43.4330, -0.2135, -24.9357
Hunter-Lab	18.1716, -10.7192, 3.5526

Details

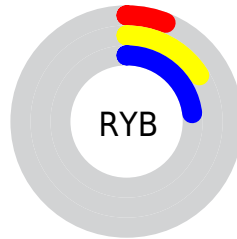
The Hex color **0F3A2B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3A0F1E**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **3F6A58**, and **000800** is the 20% darker color. If you saturate the color by 10%, you get **093A29**, and if you desaturate by 10%, it is **153A2D**.

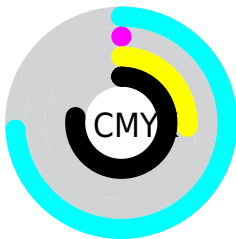
Distribution



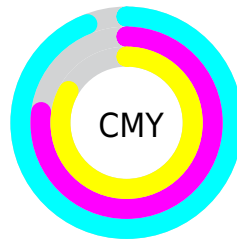
- Red (6%)
- Green (23%)
- Blue (17%)



- Red (6%)
- Yellow (16%)
- Blue (23%)



- Cyan (74%)
- Magenta (0%)
- Yellow (26%)
- Black (77%)



- Cyan (94%)
- Magenta (77%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F3A2B 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 0F3A2B by changing the saturation by 10% instead.

 0F3A2B

 0F3A2B

 FAFFFF

 002417

 3F6A58

 000800

 588371

 000000

 719D8A

 8BB8A5

 A6D4C0

 C1F0DB

 DDFFF8

 0F3A2B

 0F3A2B

■ 093A29

■ 153A2D

■ 033A27

■ 1B3A2F

■ 003A26

■ 203A31

■ 263A33

■ 2C3A35

■ 323A37

■ 383A39

■ 3D3A3B

■ 433A3D

Harmonies

Analogous

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



24381E



0F3A2B



003A3A

Triad

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



0F3A2B



29324F



4B2A1F

Complementary

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



0F3A2B



3A0F1E

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.



4F272C



0F3A2B



3E2C48

Square

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



0F3A2B



08374F



4A283B



423017

Rectangle

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



0F3A2B



003A43



4A283B



4D2923

Sweetspot

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



0F3A2B



3C4D47



1E3A0F



1C2623



A6A6A6



262626

Same Dimension

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



0F3A2B



084D35



0F343A



191C1B



005C3C



00DB8F

Inverse Universe

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



3A0F1E



4D0820



3A150F



1C191A



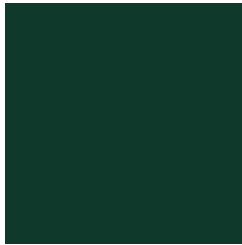
5C0020



DB004C

Previews

White Background



This preview shows how the Hex color 0F3A2B looks on a white background.

Color Contrast Check

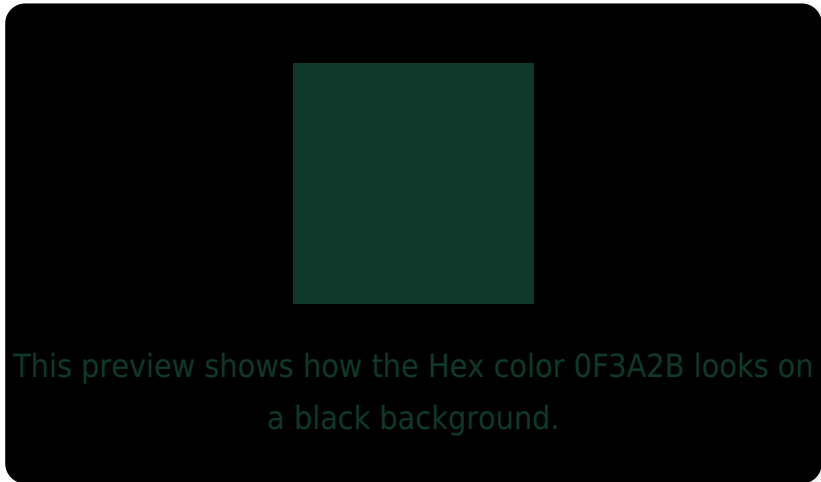
Large Text (above 18pt) WCAG AA ✓ Pass

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

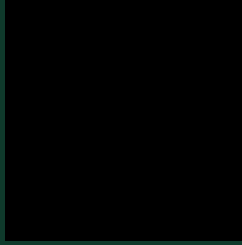
Any Text WCAG AA × Fail

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 0F3A2B Background



This preview shows how black text looks on a background with the Hex color 0F3A2B.



This preview shows how white text looks on a background with the Hex color 0F3A2B.

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](#).

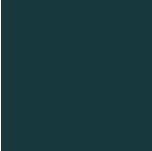
Dichromacy



Original Color
0F3A2B

Protanopia
363328

Deuteranopia
3A312D



Tritanopia
17383C

Trichromacy



Original Color
0F3A2B

Protanomaly
283629

Deuteranomaly
2A342C

Tritanomaly
143936

Monochromacy



Original Color
0F3A2B

Achromatopsia
2B2B2B

Achromatomaly
21302B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F3A2B 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 #0F3A2B looks like.

```
.text, #text, p{  
    color:#0F3A2B  
}
```

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 #0F3A2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F3A2B
}
```

Border

The CSS property to change the border of an element to Hex 0F3A2B 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
#0F3A2B }
```

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

```
.border{ border-color:#0F3A2B }
```

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

Here you see how a box with a 4 pixel #0F3A2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F3A2B; -webkit-box-shadow:4px 4px  
4px 4px #0F3A2B; box-shadow:4px 4px 4px  
4px #0F3A2B }
```

Background

The CSS property to change the background color of an element to Hex 0F3A2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F3A2B }
```

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

```
.background{ background-color:#0F3A2B }
```

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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