

# Converting Colors

Hex(0F812B)

Have a look what the booklet for  
Hex(0F812B) contains.

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# Color

**Hex(0F812B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F812B
RGB	15, 129, 43
RGB Percent	6%, 51%, 17%
CMY	0.9412, 0.4941, 0.8314
CMYK	0.88, 0.00, 0.67, 0.49
HSL	135°, 79%, 28%
HSV	135°, 88%, 51%
XYZ	8.4833, 15.9765, 4.9222
YIQ	85.1100, -40.3380, -50.9140

# Conversions

## Conversions Part 2

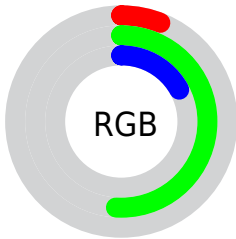
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 107, 129
Decimal	1016107
CIE <sub>Lab</sub>	46.94, -47.86, 37.28
CIE <sub>LCh</sub>	47, 60.664, 142.085
Yxy	15.9765, 0.2887, 0.5438
Android (android.graphics.Color)	4279206187 (0xFF0F812B)
YUV	85.1100, -20.7602, -61.4865
Hunter-Lab	39.9706, -32.0640, 20.6782

# Details

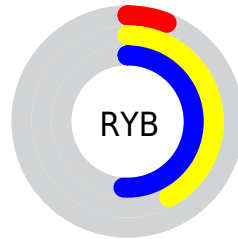
The Hex color **0F812B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **810F65**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **54B75C**, and **004E00** is the 20% darker color. If you saturate the color by 10%, you get **028121**, and if you desaturate by 10%, it is **1C8135**.

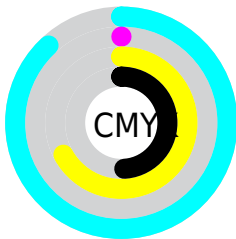
# Distribution



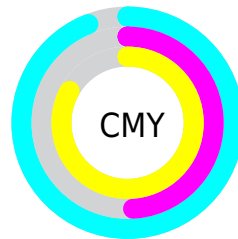
- Red (6%)
- Green (51%)
- Blue (17%)



- Red (6%)
- Yellow (42%)
- Blue (51%)



- Cyan (88%)
- Magenta (0%)
- Yellow (67%)
- Black (49%)



- Cyan (94%)
- Magenta (49%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F812B 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 0F812B by changing the saturation by 10% instead.





0F812B



0F812B

FFFFFF



006711



54B75C



004E00



71D376



003600



8DF090



002000



AAFFAB



000000



C7FFC7



E4FFE3



0F812B



0F812B



028121



1C8135

■ 008120

■ 29813E

■ 368148

■ 438152

■ 50815C

■ 5C8165

■ 69816F

■ 768179

■ 838183

# Harmonies

## Analogous

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



627800



0F812B



008560

# Triad

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



0F812B



0079D5



C83B4C

# Complementary

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



0F812B



810F65

# 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.



C3397F



0F812B



4F68CF

# Square

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



0F812B



0083BF



9F4FAF



B521D

# Rectangle

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



0F812B



008683



9F4FAF



C9375D



# Sweetspot

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



0F812B



7BA886



66810F



395440



D4D4D4



545454



# Same Dimension

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



0F812B



00A829



0F8163



39403B



00801F



000000



# Inverse Universe

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



810F65



A8007F



810F2D



40393E



800060

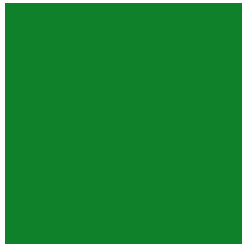


000000



# Previews

## White Background



This preview shows how the Hex color 0F812B looks on a white background.

## Color Contrast Check

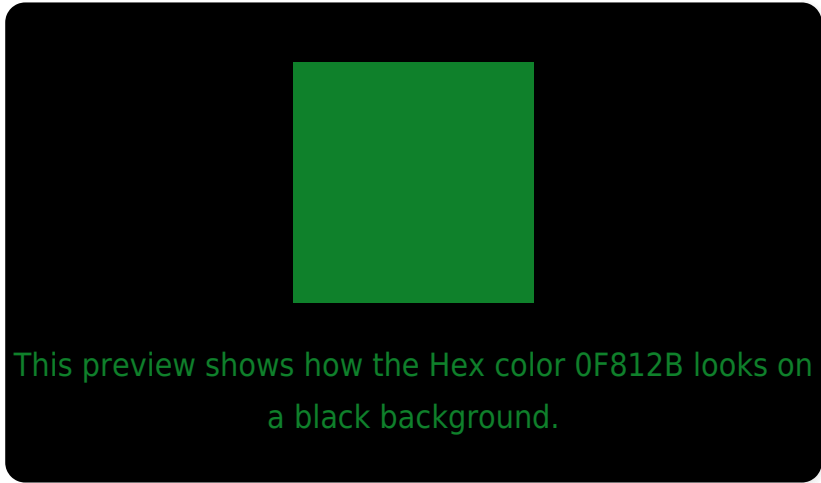
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 0F812B Background



This preview shows how black text looks on a background with the Hex color 0F812B.



This preview shows how white text looks on a background with the Hex color 0F812B.

# 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





**Tritanopia**  
367982

# Trichromacy



**Original Color**  
0F812B



**Protanomaly**  
547628



**Deuteranomaly**  
5D7230



**Tritanomaly**  
287C62

# Monochromacy



**Original Color**  
0F812B



**Achromatopsia**  
555555



**Achromatomaly**  
3C6546

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F812B 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 #0F812B looks like.

```
.text, #text, p{  
    color:#0F812B  
}
```

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 #0F812B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F812B
}
```

## Border

The CSS property to change the border of an element to Hex 0F812B 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
#0F812B }
```

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

```
.border{ border-color:#0F812B }
```

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

Here you see how a box with a 4 pixel #0F812B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F812B; -webkit-box-shadow:4px 4px  
4px 4px #0F812B; box-shadow:4px 4px 4px  
4px #0F812B }
```

# Background

The CSS property to change the background color of an element to Hex 0F812B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F812B }
```

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

```
.background{ background-color:#0F812B }
```

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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