

# Converting Colors

Hex(0A2F07)

Have a look what the booklet for  
Hex(0A2F07) contains.

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# Color

**Hex(0A2F07)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0A2F07
RGB	10, 47, 7
RGB Percent	4%, 18%, 3%
CMY	0.9608, 0.8157, 0.9725
CMYK	0.79, 0.00, 0.85, 0.82
HSL	116°, 74%, 11%
HSV	116°, 85%, 18%
XYZ	1.1800, 2.1129, 0.5466
YIQ	31.3770, -9.2120, -20.2840

# Conversions

## Conversions Part 2

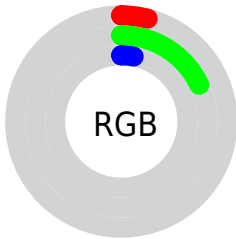
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">7, 47, 44</a>
Decimal	<a href="#">667399</a>
CIELab	<a href="#">16.07, -22.45, 19.89</a>
CIELCh	<a href="#">16, 29.992, 138.467</a>
Yxy	<a href="#">2.1129, 0.3073, 0.5503</a>
Android (android.graphics.Color)	<a href="#">4278857479 (0xFF0A2F07)</a>
YUV	<a href="#">31.3770, -12.0179, -18.7476</a>
Hunter-Lab	<a href="#">14.5358, -10.9468, 7.9454</a>

# Details

The Hex color **0A2F07** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2C072F**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **395E34**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **062F02**, and if you desaturate by 10%, it is **0E2F0C**.

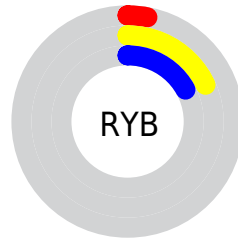
# Distribution



Red (4%)

Green (18%)

Blue (3%)



Red (3%)

Yellow (18%)

Blue (17%)

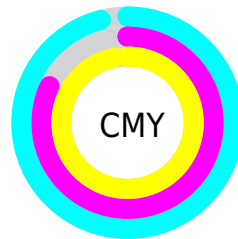


Cyan (79%)

Magenta (0%)

Yellow (85%)

Black (82%)



Cyan (96%)

Magenta (82%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A2F07 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 0A2F07 by changing the saturation by 10% instead.



 0A2F07


 0A2F07

 F2FFE9

 001C00

 395E34

 000000

 51764B

 6A9063

 84AB7C

 9EC696

 B9E2B1

 D5FFCC

 0A2F07

 0A2F07

■ 062F02

■ 0E2F0C

■ 042F00

■ 132F10

■ 172F15

■ 1B2F1A

■ 202F1F

■ 242F23

■ 282F28

■ 2D2F2D

■ 312F31

# Harmonies

## Analogous

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



272B00



0A2F07



00311F

# Triad

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



0A2F07



002D52



4D121C

# Complementary

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



0A2F07



2C072F

# 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.



4A1231



0A2F07



142651

# Square

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



0A2F07



003048



391C44



471B04

# Rectangle

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



0A2F07



00322E



391C44



4E1123



# Sweetspot

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



0A2F07



2E3D2D



2F2C07



161F15



9E9E9E



1F1F1F



# Same Dimension

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



0A2F07



053D00



072F18



151715



075700



10D600



# Inverse Universe

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



2C072F



39003D



2F071E



171517



500057

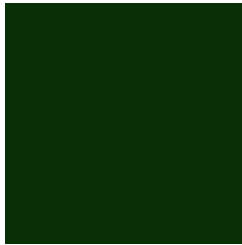


C600D6



# Previews

## White Background



This preview shows how the Hex color 0A2F07 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

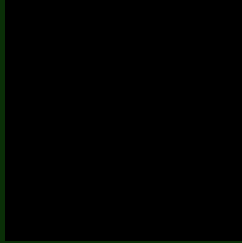
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0A2F07 Background



This preview shows how black text looks on a background with the Hex color 0A2F07.



This preview shows how white text looks on a background with the Hex color 0A2F07.

# 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**  
0A2F07

**Protanopia**  
2D2805

**Deuteranopia**  
33260C



**Tritanopia**  
162C2F

# Trichromacy



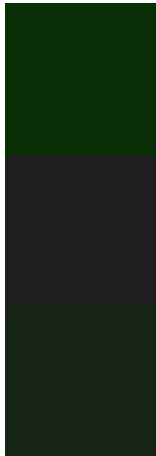
**Original Color**  
0A2F07

**Protanomaly**  
202B06

**Deuteranomaly**  
24290A

**Tritanomaly**  
122D20

# Monochromacy



**Original Color**  
0A2F07

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
172516

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A2F07 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 #0A2F07 looks like.

```
.text, #text, p{  
    color:#0A2F07  
}
```

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 #0A2F07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A2F07
}
```

## Border

The CSS property to change the border of an element to Hex 0A2F07 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".

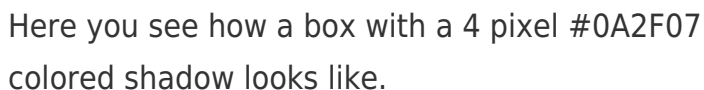
```
.border, #border, table{ border:4px solid
#0A2F07 }
```

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

```
.border{ border-color:#0A2F07 }
```

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

Here you see how a box with a 4 pixel #0A2F07 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A2F07; -webkit-box-shadow:4px 4px  
4px 4px #0A2F07; box-shadow:4px 4px 4px  
4px #0A2F07 }
```

# Background

The CSS property to change the background color of an element to Hex 0A2F07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A2F07 }
```

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

```
.background{ background-color:#0A2F07 }
```

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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