

# Converting Colors

Hex(0B240F)

Have a look what the booklet for  
Hex(0B240F) contains.

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# Color

**Hex(0B240F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B240F
RGB	11, 36, 15
RGB Percent	4%, 14%, 6%
CMY	0.9569, 0.8588, 0.9412
CMYK	0.69, 0.00, 0.58, 0.86
HSL	130°, 53%, 9%
HSV	130°, 69%, 14%
XYZ	0.8551, 1.3674, 0.6708
YIQ	26.1310, -8.1590, -11.8310

# Conversions

## Conversions Part 2

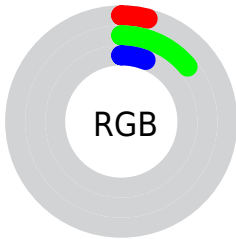
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	11, 33, 36
Decimal	730127
CIE Lab	11.74, -15.57, 10.64
CIE LCh	12, 18.863, 145.645
Yxy	1.3674, 0.2955, 0.4726
Android (android.graphics.Color)	4278920207 (0xFF0B240F)
YUV	26.1310, -5.4876, -13.2699
Hunter-Lab	11.6935, -7.4106, 4.7843

# Details

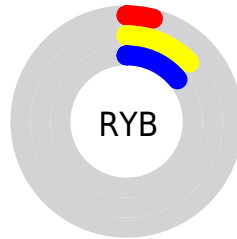
The Hex color **0B240F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **240B20**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **36513A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **07240C**, and if you desaturate by 10%, it is **0F2412**.

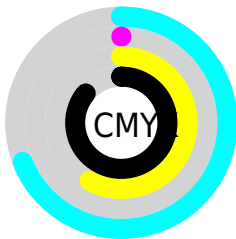
# Distribution



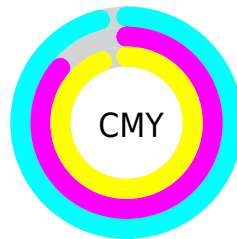
- Red (4%)
- Green (14%)
- Blue (6%)



- Red (4%)
- Yellow (13%)
- Blue (14%)



- Cyan (69%)
- Magenta (0%)
- Yellow (58%)
- Black (86%)



- Cyan (96%)
- Magenta (86%)
- Yellow (94%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 0B240F 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 0B240F by changing the saturation by 10% instead.



 0B240F

 0B240F

 EDFFE8

 000C00

 36513A

 000000

 4E6951

 668269

 7F9D82

 9AB79C

 B4D3B7

 D0EFD2

 0B240F

 0B240F

■ 07240C

■ 0F2412

■ 042409

■ 122415

■ 002406

■ 162418

■ 19241B

■ 1D241E

■ 212421

■ 242424

■ 282427

■ 2B242A

# Harmonies

## Analogous

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



1C2101



0B240F



00251D

# Triad

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



0B240F



002139



361414

# Complementary

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



0B240F



240B20

# 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.



351421



0B240F



1C1C36

# Square

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



0B240F



002434



2D172E



321905

# Rectangle

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



0B240F



002526



2D172E



371419



# Sweetspot

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



0B240F



242E26



20240B



111712



969696



171717



# Same Dimension

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



0B240F



082E0E



0B241B



101210



00520D



00D121



# Inverse Universe

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



240B20



2E0828



240B14



121012



520045

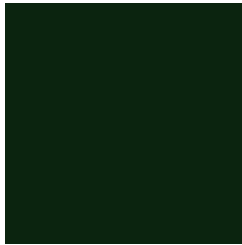


D100B0



# Previews

## White Background



This preview shows how the Hex color 0B240F looks on a white background.

## Color Contrast Check

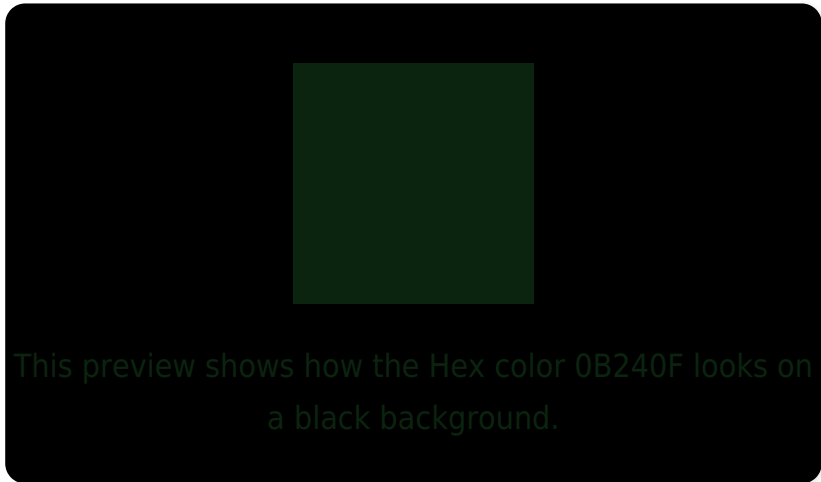
Large Text (above 18pt) WCAG AA ✓ Pass

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

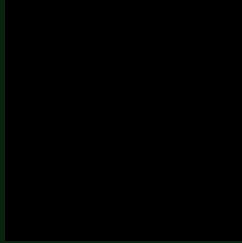
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0B240F Background



This preview shows how black text looks on a background with the Hex color 0B240F.



This preview shows how white text looks on a background with the Hex color 0B240F.

# 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**  
0B240F

**Protanopia**  
231F0E

**Deuteranopia**  
261E11



**Tritanopia**  
112225

# Trichromacy



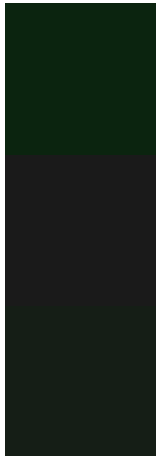
**Original Color**  
0B240F

**Protanomaly**  
1A210E

**Deuteranomaly**  
1C2010

**Tritanomaly**  
0F231D

# Monochromacy



**Original Color**  
0B240F

**Achromatopsia**  
1A1A1A

**Achromatomaly**  
151E16

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B240F 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 #0B240F looks like.

```
.text, #text, p{  
    color:#0B240F  
}
```

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 #0B240F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B240F  
}
```

## Border

The CSS property to change the border of an element to Hex 0B240F 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".

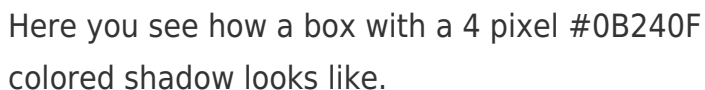
```
.border, #border, table{ border:4px solid  
#0B240F }
```

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

```
.border{ border-color:#0B240F }
```

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

Here you see how a box with a 4 pixel #0B240F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B240F; -webkit-box-shadow:4px 4px  
4px 4px #0B240F; box-shadow:4px 4px 4px  
4px #0B240F }
```

# Background

The CSS property to change the background color of an element to Hex 0B240F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B240F }
```

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

```
.background{ background-color:#0B240F }
```

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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