

# Converting Colors

Hex(0B220A)

Have a look what the booklet for  
Hex(0B220A) contains.

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# Color

**Hex(0B220A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B220A
RGB	11, 34, 10
RGB Percent	4%, 13%, 4%
CMY	0.9569, 0.8667, 0.9608
CMYK	0.68, 0.00, 0.71, 0.87
HSL	118°, 55%, 9%
HSV	118°, 71%, 13%
XYZ	0.7648, 1.2371, 0.4856
YIQ	24.3870, -6.0040, -12.3400

# Conversions

## Conversions Part 2

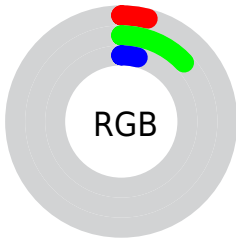
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	10, 34, 33
Decimal	729610
CIE Lab	10.83, -15.34, 11.72
CIE LCh	11, 19.310, 142.619
Yxy	1.2371, 0.3075, 0.4973
Android (android.graphics.Color)	4278919690 (0xFF0B220A)
YUV	24.3870, -7.0928, -11.7404
Hunter-Lab	11.1226, -7.1903, 5.1971

# Details

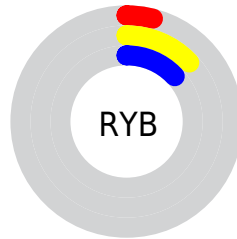
The Hex color **0B220A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **210A22**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **364F36**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **082207**, and if you desaturate by 10%, it is **0E220D**.

# Distribution



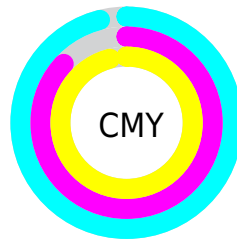
- Red (4%)
- Green (13%)
- Blue (4%)



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



- Cyan (68%)
- Magenta (0%)
- Yellow (71%)
- Black (87%)



- Cyan (96%)
- Magenta (87%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B220A 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 0B220A by changing the saturation by 10% instead.



 0B220A

 0B220A

 EBFEEA

 000600

 364F36

 000000

 4D674D

 658065

 7E9A7E

 99B598

 B3D0B2

 CFEDCE

 0B220A

 0B220A

■ 082207

■ 0E220D

■ 042203

■ 122211

■ 012200

■ 152214

■ 182218

■ 1B221B

■ 1F221E

■ 222222

■ 252225

■ 282229

# Harmonies

## Analogous

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



1C1F00



0B220A



002319

# Triad

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



0B220A



002037



351214

# Complementary

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



0B220A



210A22

# 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.



331121



0B220A



181B35

# Square

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



0B220A



002232



2A152D



311603

# Rectangle

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



0B220A



002422



2A152D



351118



# Sweetspot

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



0B220A



232B22



22210A



111711



969696



171717



# Same Dimension

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



0B220A



082B07



0A2215



101210



035200



09D100



# Inverse Universe

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



210A22



2A072B



220A17



121012



4E0052

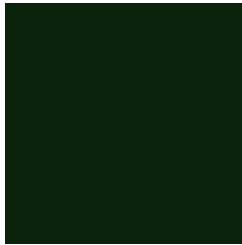


C800D1



# Previews

## White Background



This preview shows how the Hex color 0B220A looks on a white background.

## Color Contrast Check

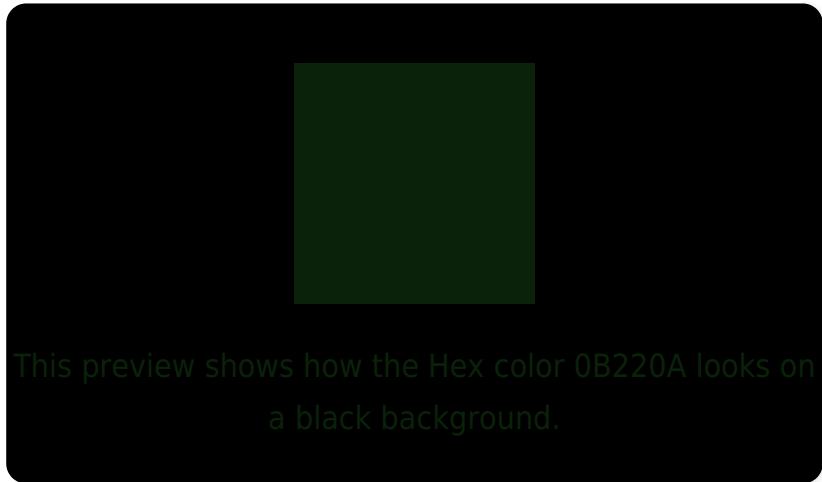
Large Text (above 18pt) WCAG AA ✓ Pass

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

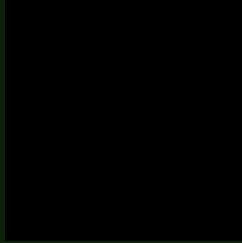
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0B220A Background



This preview shows how black text looks on a background with the Hex color 0B220A.



This preview shows how white text looks on a background with the Hex color 0B220A.

# 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**  
0B220A

**Protanopia**  
211E09

**Deuteranopia**  
251C0C



# Trichromacy



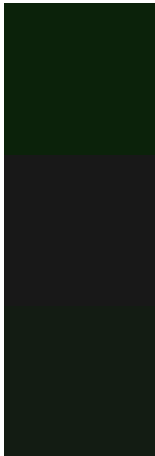
**Original Color**  
0B220A

**Protanomaly**  
191F09

**Deuteranomaly**  
1C1E0B

**Tritanomaly**  
0F2119

# Monochromacy



**Original Color**  
0B220A

**Achromatopsia**  
181818

**Achromatomaly**  
131C13

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B220A 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 #0B220A looks like.

```
.text, #text, p{  
    color:#0B220A  
}
```

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 #0B220A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B220A
}
```

## Border

The CSS property to change the border of an element to Hex 0B220A 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".

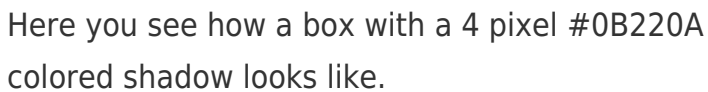
```
.border, #border, table{ border:4px solid
#0B220A }
```

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

```
.border{ border-color:#0B220A }
```

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

Here you see how a box with a 4 pixel #0B220A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B220A; -webkit-box-shadow:4px 4px  
4px 4px #0B220A; box-shadow:4px 4px 4px  
4px #0B220A }
```

# Background

The CSS property to change the background color of an element to Hex 0B220A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B220A }
```

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

```
.background{ background-color:#0B220A }
```

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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