

# Converting Colors

Hex(3A0D11)

Have a look what the booklet for  
Hex(3A0D11) contains.

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**Color**

**Hex(3A0D11)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A0D11
RGB	58, 13, 17
RGB Percent	23%, 5%, 7%
CMY	0.7725, 0.9490, 0.9333
CMYK	0.00, 0.78, 0.71, 0.77
HSL	355°, 63%, 14%
HSV	355°, 78%, 23%
XYZ	1.9900, 1.2279, 0.6624
YIQ	26.9110, 25.5360, 10.7840

# Conversions

## Conversions Part 2

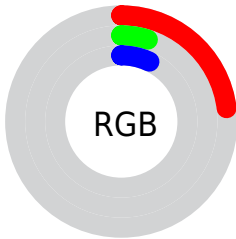
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	58, 13, 17
Decimal	3804433
CIE <sub>Lab</sub>	10.76, 22.46, 9.08
CIE <sub>LCh</sub>	11, 24.224, 22.012
Yxy	1.2279, 0.5129, 0.3164
Android (android.graphics.Color)	4281994513 (0xFF3A0D11)
YUV	26.9110, -4.8861, 27.2651
Hunter-Lab	11.0809, 12.6654, 4.2122

# Details

The Hex color **3A0D11** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0D3A36**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **6D3A3B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3A070C**, and if you desaturate by 10%, it is **3A1316**.

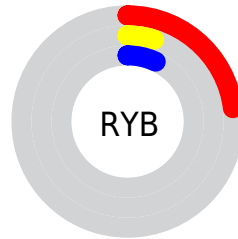
# Distribution



Red (23%)

Green (5%)

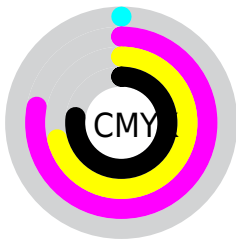
Blue (7%)



Red (23%)

Yellow (5%)

Blue (7%)

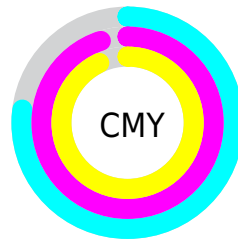


Cyan (0%)

Magenta (78%)

Yellow (71%)

Black (77%)



Cyan (77%)

Magenta (95%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A0D11 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 3A0D11 by changing the saturation by 10% instead.



 3A0D11

 3A0D11

 FFF1F0

 260001

 6D3A3B

 000000

 875152

 A26A6A

 BE8484

 DA9E9E

 F7B9B9

 FFD5D4

 3A0D11

 3A0D11

■ 3A070C

■ 3A1316

■ 3A0106

■ 3A191C

■ 3A0005

■ 3A1E21

■ 3A2426

■ 3A2A2B

■ 3A3031

■ 3A3636

■ 3A3B3B

■ 3A4141

# Harmonies

## Analogous

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



380C22



3A0D11



351300

# Triad

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



3A0D11



052302



00203E

# Complementary

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



3A0D11



0D3A36

# 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.



002337



3A0D11



002518

# Square

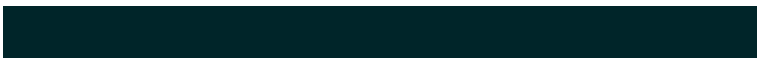
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3A0D11



1B2000



002529



131B3C

# Rectangle

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



3A0D11



2E1800



002529



00223C



# Sweetspot

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



3A0D11



4D3B3C



360D3A



261C1C



A6A6A6



262626



# Same Dimension

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



3A0D11



4D050C



3A1F0D



1C1919



5C0008



DB0013



# Inverse Universe

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



3A0D11



4D050C



0D283A



1C1919



5C0008

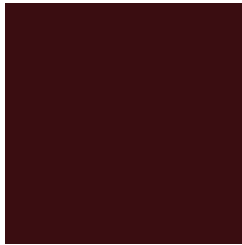


DB0013



# Previews

## White Background



This preview shows how the Hex color 3A0D11 looks on a white background.

## Color Contrast Check

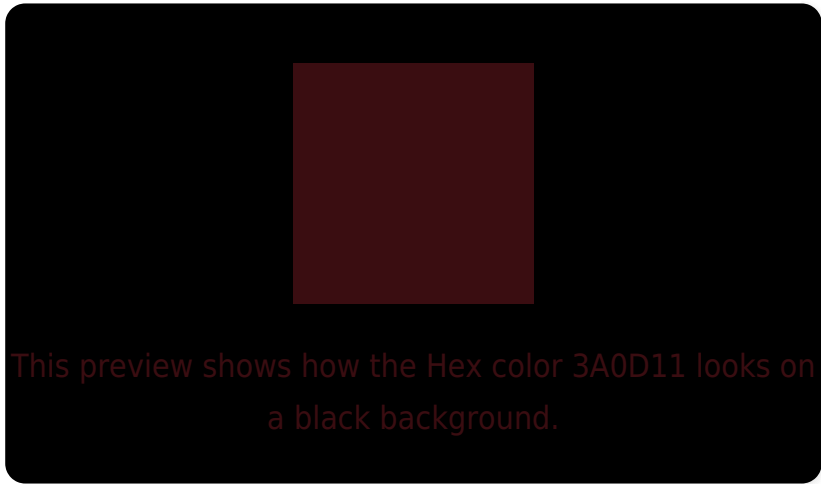
Large Text (above 18pt) WCAG AA ✓ Pass

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

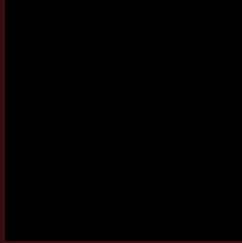
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3A0D11 Background



This preview shows how black text looks on a background with the Hex color 3A0D11.



This preview shows how white text looks on a background with the Hex color 3A0D11.

# 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



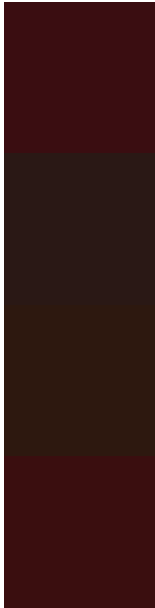
**Original Color**  
3A0D11

**Protanopia**  
211F17

**Deuteranopia**  
261E0E



# Trichromacy



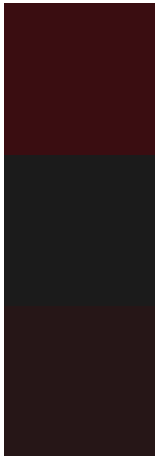
**Original Color**  
3A0D11

**Protanomaly**  
2A1815

**Deuteranomaly**  
2D180F

**Tritanomaly**  
3A0E0F

# Monochromacy



**Original Color**  
3A0D11

**Achromatopsia**  
1B1B1B

**Achromatomaly**  
261617

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A0D11 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 #3A0D11 looks like.

```
.text, #text, p{  
    color:#3A0D11  
}
```

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 #3A0D11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A0D11
}
```

## Border

The CSS property to change the border of an element to Hex 3A0D11 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".

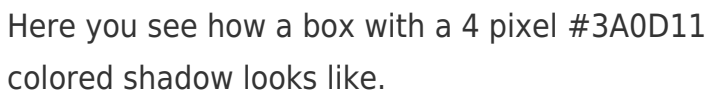
```
.border, #border, table{ border:4px solid
#3A0D11 }
```

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

```
.border{ border-color:#3A0D11 }
```

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

Here you see how a box with a 4 pixel #3A0D11 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #3A0D11 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A0D11; -webkit-box-shadow:4px 4px  
4px 4px #3A0D11; box-shadow:4px 4px 4px  
4px #3A0D11 }
```

# Background

The CSS property to change the background color of an element to Hex 3A0D11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A0D11 }
```

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

```
.background{ background-color:#3A0D11 }
```

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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