

# Converting Colors

Hex(3A0B00)

Have a look what the booklet for  
Hex(3A0B00) contains.

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**Color**

**Hex(3A0B00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A0B00
RGB	58, 11, 0
RGB Percent	23%, 4%, 0%
CMY	0.7725, 0.9569, 1.0000
CMYK	0.00, 0.81, 1.00, 0.77
HSL	11°, 100%, 11%
HSV	11°, 100%, 23%
XYZ	1.8646, 1.1389, 0.1216
YIQ	23.7990, 31.5430, 6.5430

# Conversions

## Conversions Part 2

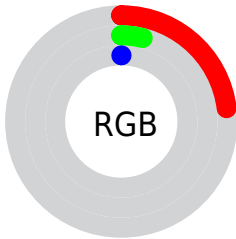
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">58, 14, 0</a>
Decimal	<a href="#">3803904</a>
CIELab	<a href="#">10.10, 22.36, 15.67</a>
CIELCh	<a href="#">10, 27.303, 35.032</a>
Yxy	<a href="#">1.1389, 0.5967, 0.3644</a>
Android (android.graphics.Color)	<a href="#">4281993984 (0xFF3A0B00)</a>
YUV	<a href="#">23.7990, -11.7329, 29.9943</a>
Hunter-Lab	<a href="#">10.6719, 12.5119, 6.7950</a>

# Details

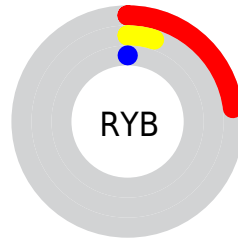
The Hex color **3A0B00** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002F3A**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **6D3830**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3A0B00**, and if you desaturate by 10%, it is **3A1006**.

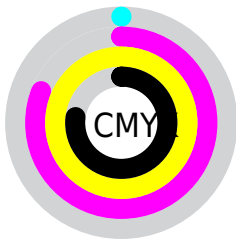
# Distribution



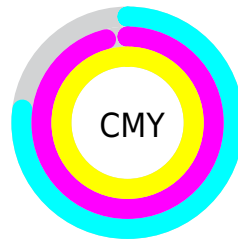
- Red (23%)
- Green (4%)
- Blue (0%)



- Red (23%)
- Yellow (5%)
- Blue (0%)



- Cyan (0%)
- Magenta (81%)
- Yellow (100%)
- Black (77%)



- Cyan (77%)
- Magenta (96%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A0B00 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 3A0B00 by changing the saturation by 10% instead.



 3A0B00

 3A0B00

 FFEFE2

 240001

 6D3830

 000000

 875046

 A3685E

 BF8276

 DC9C90

 F9B7AB

 FFD3C6

 3A0B00

■ 3A1006

■ 3A140C

■ 3A1911

■ 3A1E17

■ 3A231D

■ 3A2723

■ 3A2C29

■ 3A312E

■ 3A3534

# Harmonies

## Analogous

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



3B0619



3A0B00



301500

# Triad

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



3A0B00



002308



001D41

# Complementary

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



3A0B00



002F3A

# 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.



00223D



3A0B00



00251E

# Square

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



3A0B00



0E2000



002430



1F153A

# Rectangle

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



3A0B00



261A00



002430



001F41



# Sweetspot

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



3A0B00



4D3A36



3A002F



261B18



A6A6A6



262626



# Same Dimension

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



3A0B00



4D0F00



3A2800



1C1A19



5C1100



DB2A00



# Inverse Universe

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



002F3A



003E4D



00123A



191C1C



004A5C

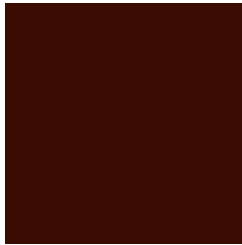


00B2DB



# Previews

## White Background



This preview shows how the Hex color 3A0B00 looks on a white background.

## Color Contrast Check

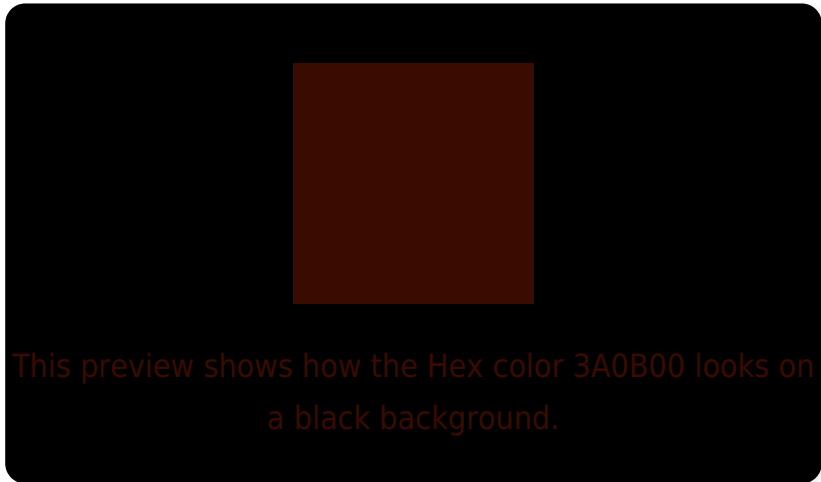
Large Text (above 18pt) WCAG AA ✓ Pass

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

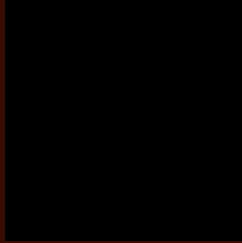
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3A0B00 Background



This preview shows how black text looks on a background with the Hex color 3A0B00.

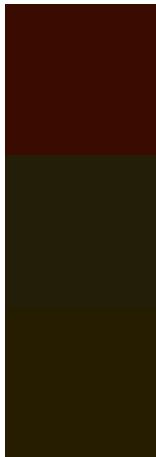


This preview shows how white text looks on a background with the Hex color 3A0B00.

# 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



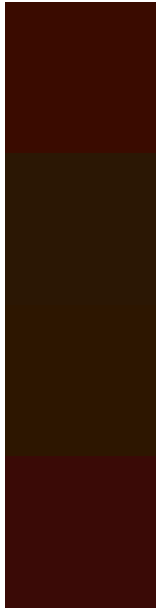
**Original Color**  
3A0B00

**Protanopia**  
221E07

**Deuteranopia**  
261D00



# Trichromacy



**Original Color**  
3A0B00

**Protanomaly**  
2B1704

**Deuteranomaly**  
2D1600

**Tritanomaly**  
3A0A06

# Monochromacy



**Original Color**  
3A0B00

**Achromatopsia**  
181818

**Achromatomaly**  
24130F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A0B00 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 #3A0B00 looks like.

```
.text, #text, p{  
    color:#3A0B00  
}
```

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 #3A0B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A0B00
}
```

## Border

The CSS property to change the border of an element to Hex 3A0B00 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".

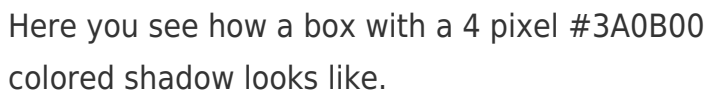
```
.border, #border, table{ border:4px solid
#3A0B00 }
```

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

```
.border{ border-color:#3A0B00 }
```

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

Here you see how a box with a 4 pixel #3A0B00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A0B00; -webkit-box-shadow:4px 4px  
4px 4px #3A0B00; box-shadow:4px 4px 4px  
4px #3A0B00 }
```

# Background

The CSS property to change the background color of an element to Hex 3A0B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A0B00 }
```

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

```
.background{ background-color:#3A0B00 }
```

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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