

# Converting Colors

Hex(3A0C1E)

Have a look what the booklet for  
Hex(3A0C1E) contains.

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**Color**

**Hex(3A0C1E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A0C1E
RGB	58, 12, 30
RGB Percent	23%, 5%, 12%
CMY	0.7725, 0.9529, 0.8824
CMYK	0.00, 0.79, 0.48, 0.77
HSL	337°, 66%, 14%
HSV	337°, 79%, 23%
XYZ	2.1107, 1.2562, 1.3595
YIQ	27.8060, 21.6380, 15.3500

# Conversions

## Conversions Part 2

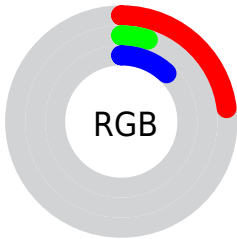
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	58, 12, 30
Decimal	3804190
CIE Lab	10.97, 24.31, 0.09
CIE LCh	11, 24.309, 0.222
Yxy	1.2562, 0.4466, 0.2658
Android (android.graphics.Color)	4281994270 (0xFF3A0C1E)
YUV	27.8060, 1.0816, 26.4801
Hunter-Lab	11.2081, 14.0013, 0.6539




# Details

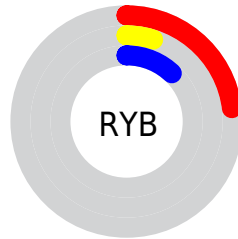
The Hex color **3A0C1E** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0C3A28**, and the grayscale version is **1C1C1C**.




A 20% lighter version of the original color is **6C3949**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3A061A**, and if you desaturate by 10%, it is **3A1222**.

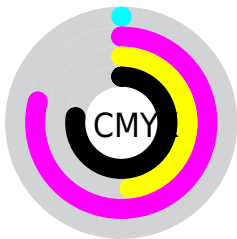
# Distribution







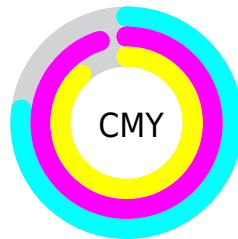
-  Red (23%)
-  Green (5%)
-  Blue (12%)






-  Red (23%)
-  Yellow (5%)
-  Blue (12%)



-  Cyan (0%)
-  Magenta (79%)
-  Yellow (48%)
-  Black (77%)



-  Cyan (77%)
-  Magenta (95%)
-  Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A0C1E 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 3A0C1E by changing the saturation by 10% instead.



 3A0C1E

 3A0C1E

 FFF1FF

 270004

 6C3949

 000000

 865161

 A16A7A

 BC8394

 D99EAE

 F5B9CA

 FFD5E6

 3A0C1E

 3A0C1E

■ 3A061A

■ 3A1222

■ 3A0017

■ 3A1825

■ 3A1D29

■ 3A232C

■ 3A2930

■ 3A2F33

■ 3A3537

■ 3A3A3A

■ 3A403E

# Harmonies

## Analogous

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



31112E



3A0C1E



3A0F0B

# Triad

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



3A0C1E



172100



00233A

# Complementary

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



3A0C1E



0C3A28

# 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.



00252E



3A0C1E



002409

# Square

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



3A0C1E



261D00



00251D



001F3F

# Rectangle

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



3A0C1E



361300



00251D



002437



# Sweetspot

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



3A0C1E



4D3A41



280C3A



261B1F



A6A6A6



262626



# Same Dimension

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



3A0C1E



4D0420



3A110C



1C191A



5C0024



DB0056



# Inverse Universe

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



3A0C1E



4D0420



0C353A



1C191A



5C0024

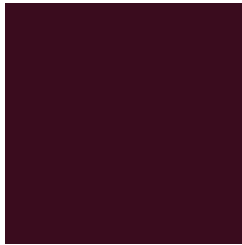


DB0056



# Previews

## White Background



This preview shows how the Hex color 3A0C1E looks on a white background.

## Color Contrast Check

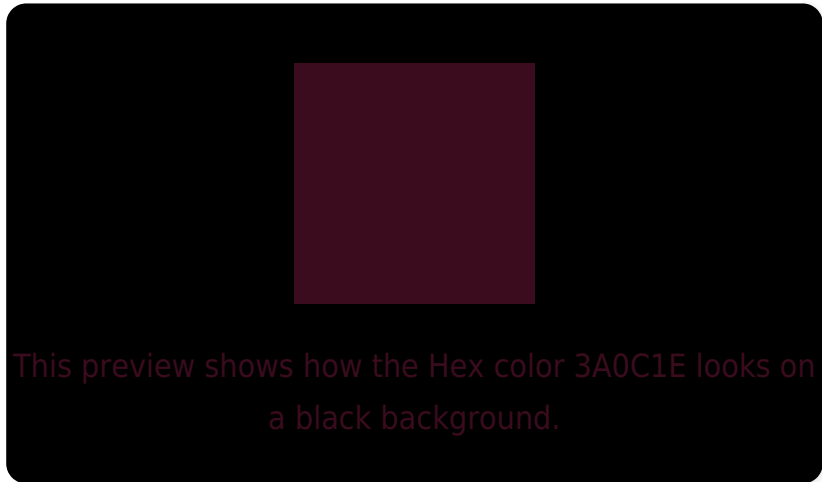
Large Text (above 18pt) WCAG AA ✓ Pass

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

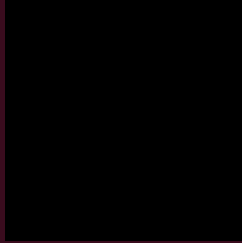
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3A0C1E Background



This preview shows how black text looks on a background with the Hex color 3A0C1E.



This preview shows how white text looks on a background with the Hex color 3A0C1E.

# 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**  
3A0C1E

**Protanopia**  
1D1F29

**Deuteranopia**  
241E1C



**Tritanopia**  
391010

# Trichromacy



**Original Color**  
3A0C1E

**Protanomaly**  
281825

**Deuteranomaly**  
2C171D

**Tritanomaly**  
390F15

# Monochromacy



**Original Color**  
3A0C1E

**Achromatopsia**  
1C1C1C

**Achromatomaly**  
27161D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A0C1E 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 #3A0C1E looks like.

```
.text, #text, p{  
    color:#3A0C1E  
}
```

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 #3A0C1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A0C1E
}
```

## Border

The CSS property to change the border of an element to Hex 3A0C1E is called "border". The border property can be set on classes, ids or directly on the HTML element.

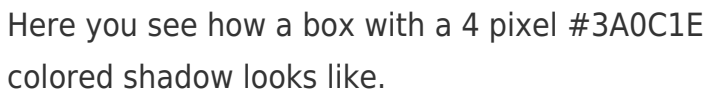
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A0C1E }
```

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

```
.border{ border-color:#3A0C1E }
```

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



Here you see how a box with a 4 pixel `#3A0C1E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A0C1E; -webkit-box-shadow:4px 4px  
4px 4px #3A0C1E; box-shadow:4px 4px 4px  
4px #3A0C1E }
```

# Background

The CSS property to change the background color of an element to Hex 3A0C1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A0C1E }
```

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

```
.background{ background-color:#3A0C1E }
```

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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