

Converting Colors

Hex(3A0634)

Have a look what the booklet for
Hex(3A0634) contains.

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Color

Hex(3A0634)

Conversions

Conversions Part 1

Format	Color
Hex	3A0634
RGB	58, 6, 52
RGB Percent	23%, 2%, 20%
CMY	0.7725, 0.9765, 0.7961
CMYK	0.00, 0.90, 0.10, 0.77
HSL	307°, 81%, 13%
HSV	307°, 90%, 23%
XYZ	2.4299, 1.2777, 3.3674
YIQ	26.7920, 16.2260, 25.3300

Conversions

Conversions Part 2

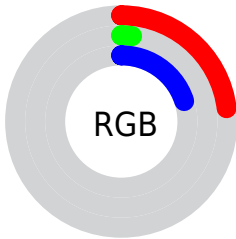
Format	Color
RYB	58, 6, 52
Decimal	3802676
CIELab	11.12, 30.40, -16.02
CIELCh	11, 34.366, 332.212
Yxy	1.2777, 0.3434, 0.1806
Android (android.graphics.Color)	4281992756 (0xFF3A0634)
YUV	26.7920, 12.4275, 27.3694
Hunter-Lab	11.3036, 18.5898, -9.7500




Details

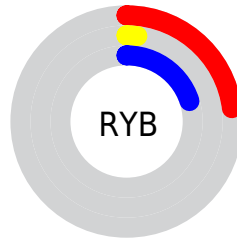
The Hex color **3A0634** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **063A0C**, and the grayscale version is **1B1B1B**.




A 20% lighter version of the original color is **6B3663**, and **000002** is the 20% darker color. If you saturate the color by 10%, you get **3A0033**, and if you desaturate by 10%, it is **3A0C35**.

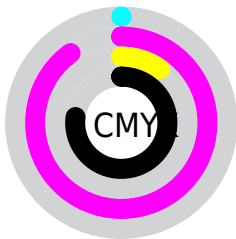
Distribution







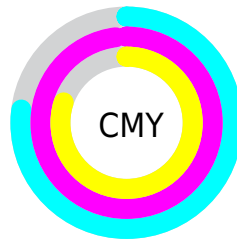
-  Red (23%)
-  Green (2%)
-  Blue (20%)






-  Red (23%)
-  Yellow (2%)
-  Blue (20%)



-  Cyan (0%)
-  Magenta (90%)
-  Yellow (10%)
-  Black (77%)



-  Cyan (77%)
-  Magenta (98%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A0634 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 3A0634 by changing the saturation by 10% instead.

 3A0634

 3A0634

 FFEFFF

 26001F

 6B3663

 000002

 854E7C

 000000

 A06796

 BC81B0

 D89BCC

 F5B6E8

 FFD2FF

 3A0634

 3A0634

■ 3A0033

■ 3A0C35

■ 3A1235

■ 3A1736

■ 3A1D37

■ 3A2337

■ 3A2938

■ 3A2F39

■ 3A3439

■ 3A3A3A

Harmonies

Analogous

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



1C1646



3A0634



45001D

Triad

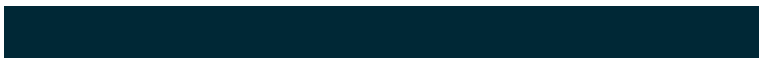
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3A0634



251D00



002836

Complementary

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



3A0634



063A0C

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.



00281F



3A0634



0C2300

Square

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



3A0634



371300



002700



002648

Rectangle

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



3A0634



45000B



002700



00282F

Sweetspot

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



3A0634



4D384A



0B063A



261A25



A6A6A6



262626

Same Dimension

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



3A0634



4D0044



3A061B



1C191C



5C0051



DB00C2

Inverse Universe

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



3A0634



4D0044



063A25



1C191C



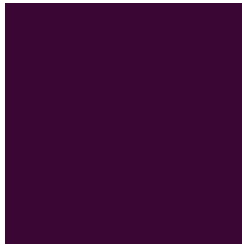
5C0051



DB00C2

Previews

White Background



This preview shows how the Hex color 3A0634 looks on a white background.

Color Contrast Check

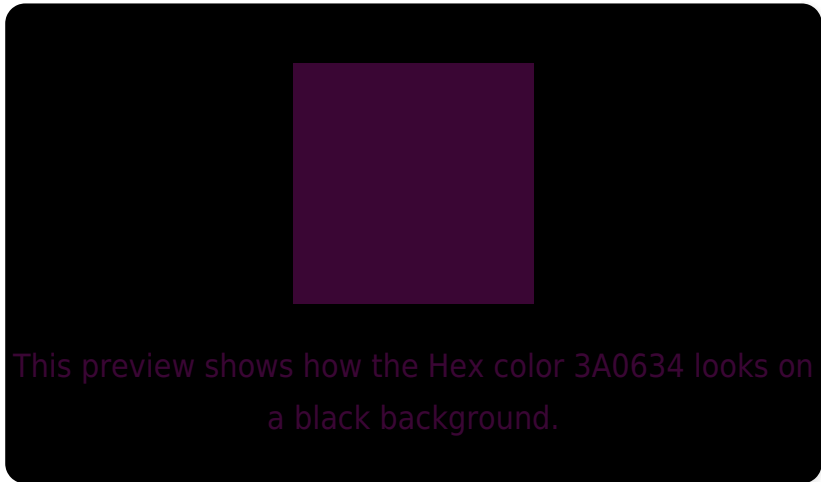
Large Text (above 18pt) WCAG AA ✓ Pass

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

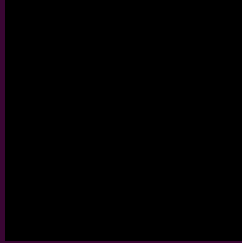
Any Text WCAG AA × Fail

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 3A0634 Background



This preview shows how black text looks on a background with the Hex color 3A0634.



This preview shows how white text looks on a background with the Hex color 3A0634.

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
3A0634

Protanopia
002043

Deuteranopia
192131



Tritanopia
371516

Trichromacy



Original Color
3A0634

Protanomaly
15173E

Deuteranomaly
251732

Tritanomaly
381021

Monochromacy



Original Color
3A0634

Achromatopsia
1B1B1B

Achromatomaly
261324

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A0634 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 #3A0634 looks like.

```
.text, #text, p{  
    color:#3A0634  
}
```

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 #3A0634 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A0634
}
```

Border

The CSS property to change the border of an element to Hex 3A0634 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
#3A0634 }
```

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

```
.border{ border-color:#3A0634 }
```

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

Here you see how a box with a 4 pixel #3A0634 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A0634; -webkit-box-shadow:4px 4px  
4px 4px #3A0634; box-shadow:4px 4px 4px  
4px #3A0634 }
```

Background

The CSS property to change the background color of an element to Hex 3A0634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A0634 }
```

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

```
.background{ background-color:#3A0634 }
```

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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