

Converting Colors

Hex(3A0048)

Have a look what the booklet for
Hex(3A0048) contains.

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Color

Hex(3A0048)

Conversions

Conversions Part 1

Format	Color
Hex	3A0048
RGB	58, 0, 72
RGB Percent	23%, 0%, 28%
CMY	0.7725, 1.0000, 0.7176
CMYK	0.19, 1.00, 0.00, 0.72
HSL	288°, 100%, 14%
HSV	288°, 100%, 28%
XYZ	2.9146, 1.3674, 6.2412
YIQ	25.5500, 11.4560, 34.6880

Conversions

Conversions Part 2

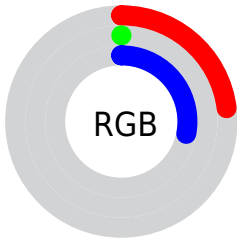
Format	Color
R_{YB}	58, 0, 72
Decimal	3801160
CIE Lab	11.74, 36.94, -29.29
CIE LCh	12, 47.139, 321.588
Yxy	1.3674, 0.2770, 0.1299
Android (android.graphics.Color)	4281991240 (0xFF3A0048)
YUV	25.5500, 22.8999, 28.4587
Hunter-Lab	11.6937, 24.0268, -23.4590

Details

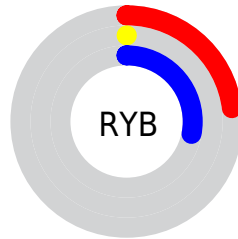
The Hex color **3A0048** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0E4800**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **6C3379**, and **00001B** is the 20% darker color. If you saturate the color by 10%, you get **3A0048**, and if you desaturate by 10%, it is **3B0748**.

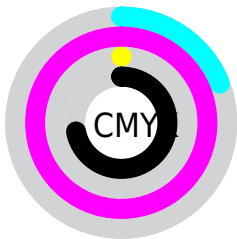
Distribution



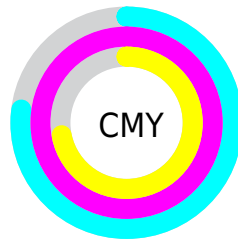
- Red (23%)
- Green (0%)
- Blue (28%)



- Red (23%)
- Yellow (0%)
- Blue (28%)



- Cyan (19%)
- Magenta (100%)
- Yellow (0%)
- Black (72%)



- Cyan (77%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A0048 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 3A0048 by changing the saturation by 10% instead.

 3A0048

 3A0048

 FFEDFF

 250031

 6C3379

 00001B

 874C93

 000000

 A265AE

 BD7EC9

 DA99E6

 F7B4FF

 FFD0FF

 3A0048

■ 3B0748

■ 3D0E48

■ 3E1648

■ 401D48

■ 412448

■ 422B48

■ 443248

■ 453A48

■ 474148

Harmonies

Analogous

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



001B5D



3A0048



50002A

Triad

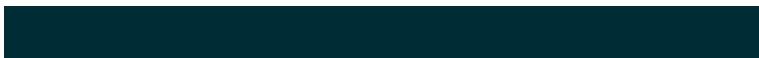
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3A0048



2F1B00



002C36

Complementary

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



3A0048



0E4800

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.



002C14



3A0048



102400

Square

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



3A0048



450400



002900



002B52

Rectangle

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



3A0048



530014



002900



002C2B

Sweetspot

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



3A0048



59425E



000E48



2D1F30



B0B0B0



303030

Same Dimension

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



3A0048



4C005E



480032



232024



500063



B700E3

Inverse Universe

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



48000E



5E0012



004816



242021



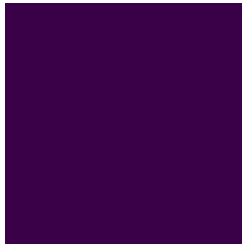
630013



E3002C

Previews

White Background



This preview shows how the Hex color 3A0048 looks on a white background.

Color Contrast Check

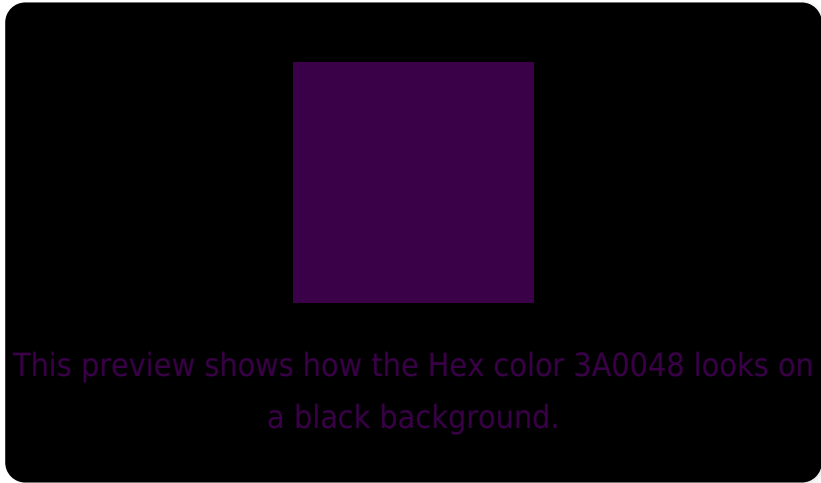
Large Text (above 18pt) WCAG AA ✓ Pass

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

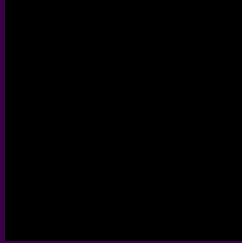
Any Text WCAG AA × Fail

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 3A0048 Background



This preview shows how black text looks on a background with the Hex color 3A0048.



This preview shows how white text looks on a background with the Hex color 3A0048.

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](#).

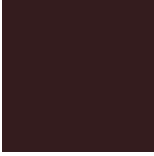
Dichromacy



Original Color
3A0048

Protanopia
002248

Deuteranopia
00243F



Tritanopia
341C1E

Trichromacy



Original Color
3A0048

Protanomaly
151648

Deuteranomaly
151742

Tritanomaly
36122D

Monochromacy



Original Color
3A0048

Achromatopsia
1A1A1A

Achromatomaly
26112B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A0048 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 #3A0048 looks like.

```
.text, #text, p{  
    color:#3A0048  
}
```

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 #3A0048 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A0048
}
```

Border

The CSS property to change the border of an element to Hex 3A0048 is called "border". The border property can be set on classes, ids or directly on the HTML element.

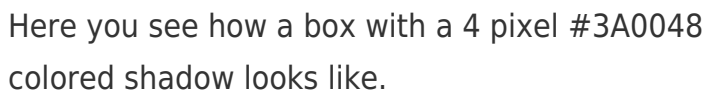
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A0048 }
```

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

```
.border{ border-color:#3A0048 }
```

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



Here you see how a box with a 4 pixel #3A0048 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A0048; -webkit-box-shadow:4px 4px  
4px 4px #3A0048; box-shadow:4px 4px 4px  
4px #3A0048 }
```

Background

The CSS property to change the background color of an element to Hex 3A0048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A0048 }
```

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

```
.background{ background-color:#3A0048 }
```

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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