

Converting Colors

Hex(3B0829)

Have a look what the booklet for
Hex(3B0829) contains.

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Color

Hex(3B0829)

Conversions

Conversions Part 1

Format	Color
Hex	3B0829
RGB	59, 8, 41
RGB Percent	23%, 3%, 16%
CMY	0.7686, 0.9686, 0.8392
CMYK	0.00, 0.86, 0.31, 0.77
HSL	321°, 76%, 13%
HSV	321°, 86%, 23%
XYZ	2.2907, 1.2636, 2.2210
YIQ	27.0110, 19.8030, 21.0750

Conversions

Conversions Part 2

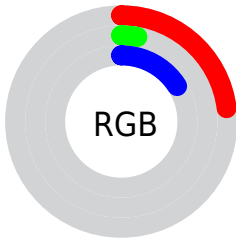
Format	Color
R_{YB}	59, 8, 41
Decimal	3868713
CIE Lab	11.02, 27.97, -8.06
CIE LCh	11, 29.107, 343.919
Yxy	1.2636, 0.3966, 0.2188
Android (android.graphics.Color)	4282058793 (0xFF3B0829)
YUV	27.0110, 6.8966, 28.0544
Hunter-Lab	11.2409, 16.7039, -3.8460




Details

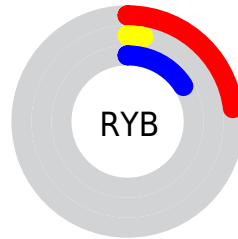
The Hex color **3B0829** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **083B1A**, and the grayscale version is **1B1B1B**.




A 20% lighter version of the original color is **6D3756**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3B0227**, and if you desaturate by 10%, it is **3B0E2B**.

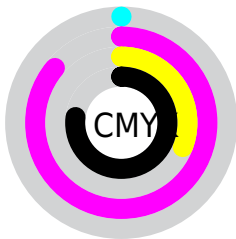
Distribution







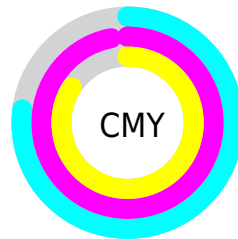
-  Red (23%)
-  Green (3%)
-  Blue (16%)






-  Red (23%)
-  Yellow (3%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (86%)
-  Yellow (31%)
-  Black (77%)



-  Cyan (77%)
-  Magenta (97%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B0829 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 3B0829 by changing the saturation by 10% instead.

 3B0829

 3B0829

 FFEFFF

 270015

 6D3756

 000000

 874F6F

 A26888

 BD81A2

 D99CBD

 F6B7D9

 FFD3F5

 3B0829

 3B0829

■ 3B0227

■ 3B0E2B

■ 3B0026

■ 3B142D

■ 3B1A2F

■ 3B2031

■ 3B2533

■ 3B2B35

■ 3B3138

■ 3B373A

■ 3B3D3C

Harmonies

Analogous

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



29133A



3B0829



400615

Triad

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



3B0829



1E1F00



002639

Complementary

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



3B0829



083B1A

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.



002726



3B0829



072400

Square

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



3B0829



2F1900



002611



002344

Rectangle

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



3B0829



3E0B02



002611



002633

Sweetspot

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



3B0829



4D3945



1A083B



261A22



A6A6A6



262626

Same Dimension

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



3B0829



4D0031



3B0810



1F1C1E



5E003D



DE0090

Inverse Universe

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



3B0829



4D0032



083B33



1F1C1E



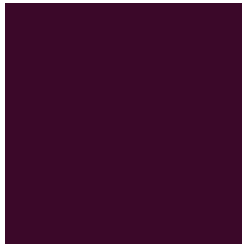
5E003D



DE0090

Previews

White Background



This preview shows how the Hex color 3B0829 looks on a white background.

Color Contrast Check

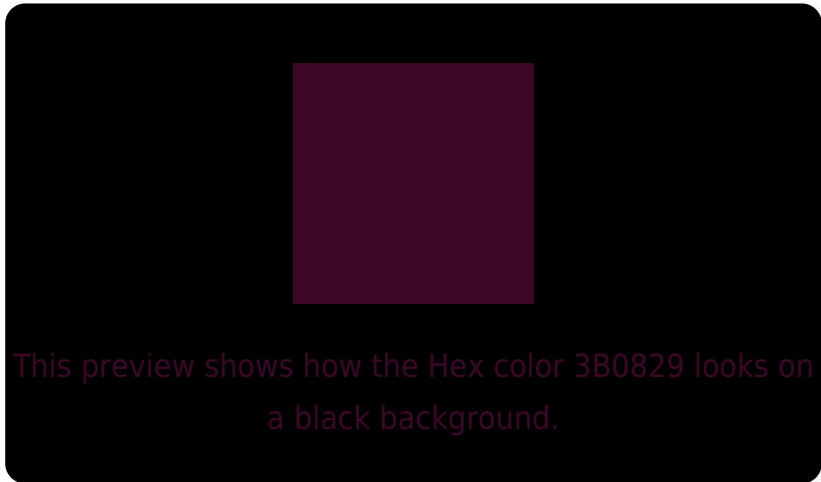
Large Text (above 18pt) WCAG AA ✓ Pass

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

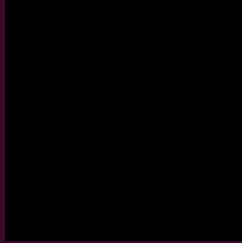
Any Text WCAG AA × Fail

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 3B0829 Background



This preview shows how black text looks on a background with the Hex color 3B0829.



This preview shows how white text looks on a background with the Hex color 3B0829.

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
3B0829

Protanopia
141F39

Deuteranopia
201F26



Tritanopia
391112

Trichromacy



Original Color
3B0829

Protanomaly
221733

Deuteranomaly
2A1727

Tritanomaly
3A0E1A

Monochromacy



Original Color
3B0829

Achromatopsia
1B1B1B

Achromatomaly
271420

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B0829 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 #3B0829 looks like.

```
.text, #text, p{  
    color:#3B0829  
}
```

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 #3B0829 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B0829
}
```

Border

The CSS property to change the border of an element to Hex 3B0829 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
#3B0829 }
```

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

```
.border{ border-color:#3B0829 }
```

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

Here you see how a box with a 4 pixel #3B0829 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B0829; -webkit-box-shadow:4px 4px  
4px 4px #3B0829; box-shadow:4px 4px 4px  
4px #3B0829 }
```

Background

The CSS property to change the background color of an element to Hex 3B0829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B0829 }
```

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

```
.background{ background-color:#3B0829 }
```

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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