

Converting Colors

Hex(3B0021)

Have a look what the booklet for
Hex(3B0021) contains.

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Color

Hex(3B0021)

Conversions

Conversions Part 1

Format	Color
Hex	3B0021
RGB	59, 0, 33
RGB Percent	23%, 0%, 13%
CMY	0.7686, 1.0000, 0.8706
CMYK	0.00, 1.00, 0.44, 0.77
HSL	326°, 100%, 12%
HSV	326°, 100%, 23%
XYZ	2.0781, 1.0396, 1.5300
YIQ	21.4030, 24.5710, 22.7710

Conversions

Conversions Part 2

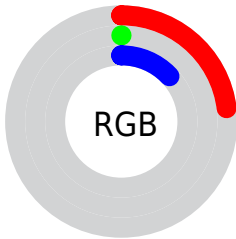
Format	Color
R_{YB}	59, 0, 33
Decimal	3866657
CIE Lab	9.32, 30.69, -4.61
CIE LCh	9, 31.032, 351.454
Yxy	1.0396, 0.4471, 0.2237
Android (android.graphics.Color)	4282056737 (0xFF3B0021)
YUV	21.4030, 5.7173, 32.9726
Hunter-Lab	10.1961, 18.5381, -1.7594

Details

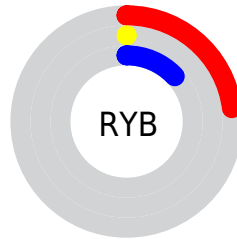
The Hex color **3B0021** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **003B1A**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **6D304D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3B0021**, and if you desaturate by 10%, it is **3B0624**.

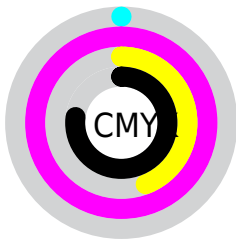
Distribution



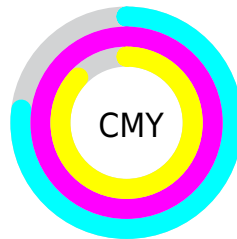
- Red (23%)
- Green (0%)
- Blue (13%)



- Red (23%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (44%)
- Black (77%)



- Cyan (77%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B0021 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 3B0021 by changing the saturation by 10% instead.

 3B0021

 3B0021

 FFE8FF

 28000A

 6D304D

 000000

 884865

 A3617E

 BF7B98

 DB95B2

 F8B0CE

 FFCCEA

 3B0021

■ 3B0624

■ 3B0C26

■ 3B1229

■ 3B182B

■ 3B1D2E

■ 3B2331

■ 3B2933

■ 3B2F36

■ 3B3538

Harmonies

Analogous

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



2C0B34



3B0021



3D0108

Triad

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



3B0021



141E00



00223B

Complementary

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



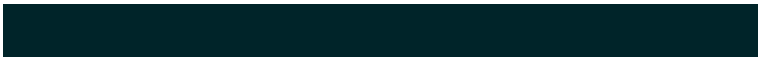
3B0021



003B1A

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.



002429



3B0021



002200

Square

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



3B0021



271700



002413



001F44

Rectangle

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



3B0021



390800



002413



002335

Sweetspot

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



3B0021



4D3642



1A003B



261820



A6A6A6



262626

Same Dimension

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



3B0021



4D002B



3B0004



1F1C1D



5E0035



DE007C

Inverse Universe

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



3B0021



4D002B



003B37



1F1C1D



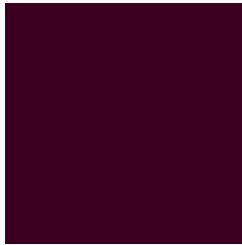
5E0035



DE007C

Previews

White Background



This preview shows how the Hex color 3B0021 looks on a white background.

Color Contrast Check

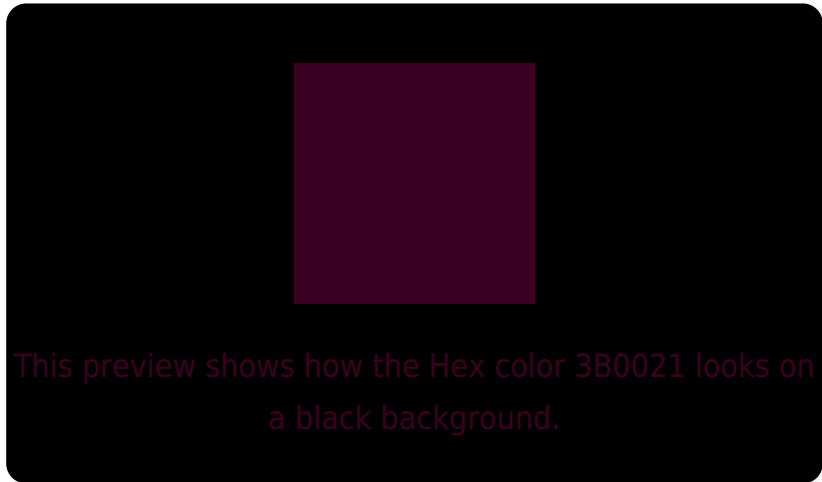
Large Text (above 18pt) WCAG AA ✓ Pass

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

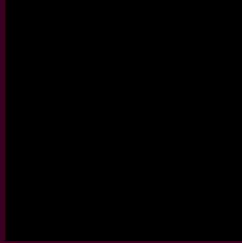
Any Text WCAG AA × Fail

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 3B0021 Background



This preview shows how black text looks on a background with the Hex color 3B0021.



This preview shows how white text looks on a background with the Hex color 3B0021.

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](#).

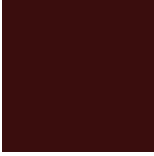
Dichromacy



Original Color
3B0021

Protanopia
191E2F

Deuteranopia
221E1E



Tritanopia
3A0D0D

Trichromacy



Original Color
3B0021

Protanomaly
25132A

Deuteranomaly
2B131F

Tritanomaly
3A0814

Monochromacy



Original Color
3B0021

Achromatopsia
151515

Achromatomaly
230D19

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B0021 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 #3B0021 looks like.

```
.text, #text, p{  
    color:#3B0021  
}
```

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 #3B0021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B0021
}
```

Border

The CSS property to change the border of an element to Hex 3B0021 is called "border". The border property can be set on classes, ids or directly on the HTML element.

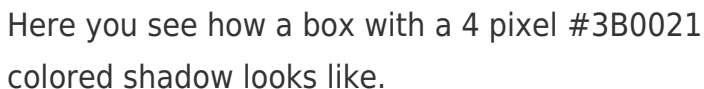
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B0021 }
```

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

```
.border{ border-color:#3B0021 }
```

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



Here you see how a box with a 4 pixel #3B0021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B0021; -webkit-box-shadow:4px 4px  
4px 4px #3B0021; box-shadow:4px 4px 4px  
4px #3B0021 }
```

Background

The CSS property to change the background color of an element to Hex 3B0021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B0021 }
```

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

```
.background{ background-color:#3B0021 }
```

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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