

Converting Colors

Hex(3B0025)

Have a look what the booklet for
Hex(3B0025) contains.

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Color

Hex(3B0025)

Conversions

Conversions Part 1

Format	Color
Hex	3B0025
RGB	59, 0, 37
RGB Percent	23%, 0%, 15%
CMY	0.7686, 1.0000, 0.8549
CMYK	0.00, 1.00, 0.37, 0.77
HSL	322°, 100%, 12%
HSV	322°, 100%, 23%
XYZ	2.1376, 1.0634, 1.8429
YIQ	21.8590, 23.2870, 24.0150

Conversions

Conversions Part 2

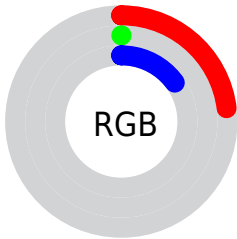
Format	Color
R_{YB}	59, 0, 37
Decimal	3866661
CIE _{Lab}	9.51, 31.18, -7.37
CIE _{LCh}	10, 32.041, 346.703
Yxy	1.0634, 0.4238, 0.2108
Android (android.graphics.Color)	4282056741 (0xFF3B0025)
YUV	21.8590, 7.4645, 32.5727
Hunter-Lab	10.3120, 18.9549, -3.3773

Details

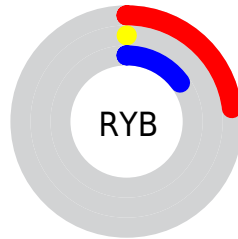
The Hex color **3B0025** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **003B16**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **6D3152**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3B0025**, and if you desaturate by 10%, it is **3B0627**.

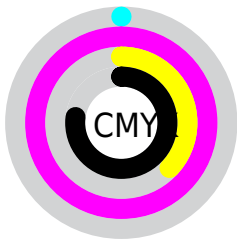
Distribution



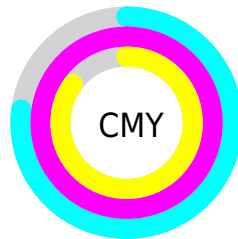
- Red (23%)
- Green (0%)
- Blue (15%)



- Red (23%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (37%)
- Black (77%)



- Cyan (77%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B0025 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 3B0025 by changing the saturation by 10% instead.

 3B0025

 3B0025

 FFE8FF

 270010

 6D3152

 000000

 88496A

 A36183

 BE7B9D

 DB95B8

 F8B0D4

 FFCCF0

 3B0025

■ 3B0627

■ 3B0C29

■ 3B122C

■ 3B182E

■ 3B1D30

■ 3B2332

■ 3B2934

■ 3B2F37

■ 3B3539

Harmonies

Analogous

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



290D38



3B0025



3F000E

Triad

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



3B0025



171D00



00233A

Complementary

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



3B0025



003B16

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.



002526



3B0025



002200

Square

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



3B0025



2A1600



00240F



002045

Rectangle

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



3B0025



3C0500



00240F



002434

Sweetspot

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



3B0025



4D3644



16003B



261821



A6A6A6



262626

Same Dimension

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



3B0025



4D0030



3B0008



1F1C1D



5E003B



DE008B

Inverse Universe

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



3B0025



4D0030



003B33



1F1C1D



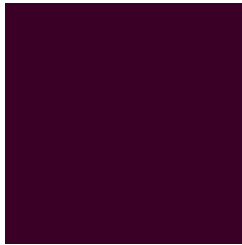
5E003B



DE008B

Previews

White Background



This preview shows how the Hex color 3B0025 looks on a white background.

Color Contrast Check

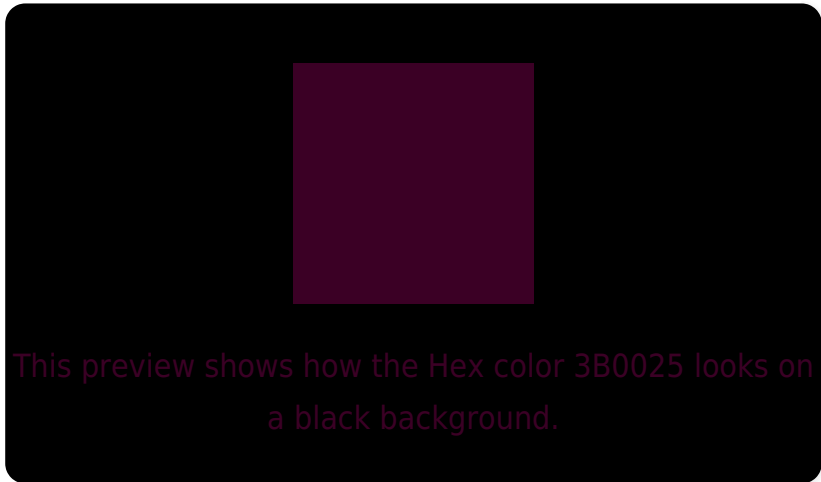
Large Text (above 18pt) WCAG AA ✓ Pass

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

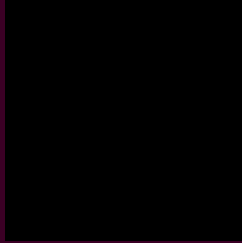
Any Text WCAG AA × Fail

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 3B0025 Background



This preview shows how black text looks on a background with the Hex color 3B0025.



This preview shows how white text looks on a background with the Hex color 3B0025.

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
3B0025

Protanopia
161F35

Deuteranopia
211E22

Trichromacy



Original Color
3B0025

Protanomaly
23142F

Deuteranomaly
2A1323

Tritanomaly
3A0A17

Monochromacy



Original Color
3B0025

Achromatopsia
161616

Achromatomaly
230E1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B0025 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 #3B0025 looks like.

```
.text, #text, p{  
    color:#3B0025  
}
```

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 #3B0025 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B0025
}
```

Border

The CSS property to change the border of an element to Hex 3B0025 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".

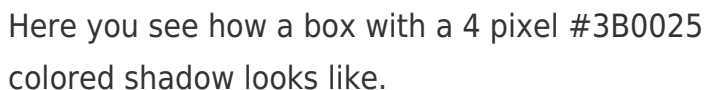
```
.border, #border, table{ border:4px solid
#3B0025 }
```

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

```
.border{ border-color:#3B0025 }
```

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

Here you see how a box with a 4 pixel #3B0025 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B0025; -webkit-box-shadow:4px 4px  
4px 4px #3B0025; box-shadow:4px 4px 4px  
4px #3B0025 }
```

Background

The CSS property to change the background color of an element to Hex 3B0025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B0025 }
```

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

```
.background{ background-color:#3B0025 }
```

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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