

Converting Colors

Hex(3B0015)

Have a look what the booklet for
Hex(3B0015) contains.

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Color

Hex(3B0015)

Conversions

Conversions Part 1

Format	Color
Hex	3B0015
RGB	59, 0, 21
RGB Percent	23%, 0%, 8%
CMY	0.7686, 1.0000, 0.9176
CMYK	0.00, 1.00, 0.64, 0.77
HSL	339°, 100%, 12%
HSV	339°, 100%, 23%
XYZ	1.9390, 0.9839, 0.7972
YIQ	20.0350, 28.4230, 19.0390

Conversions

Conversions Part 2

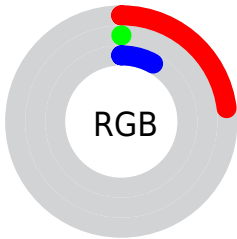
Format	Color
R_{YB}	59, 0, 21
Decimal	3866645
CIE _{Lab}	8.86, 29.48, 3.87
CIE _{LCh}	9, 29.731, 7.476
Yxy	0.9839, 0.5212, 0.2645
Android (android.graphics.Color)	4282056725 (0xFF3B0015)
YUV	20.0350, 0.4757, 34.1723
Hunter-Lab	9.9194, 17.5331, 2.1787

Details

The Hex color **3B0015** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **003B26**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **6E303F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3B0015**, and if you desaturate by 10%, it is **3B0619**.

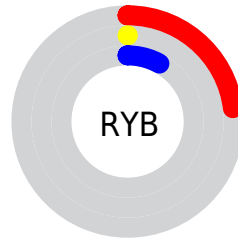
Distribution



Red (23%)

Green (0%)

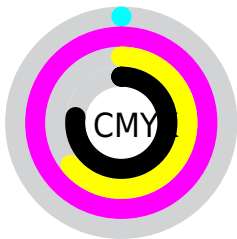
Blue (8%)



Red (23%)

Yellow (0%)

Blue (8%)

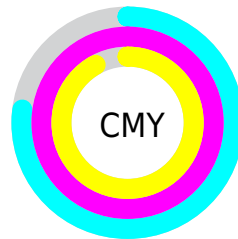


Cyan (0%)

Magenta (100%)

Yellow (64%)

Black (77%)



Cyan (77%)

Magenta (100%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B0015 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 3B0015 by changing the saturation by 10% instead.

 3B0015

 3B0015

 FFE7F5

 260001

 6E303F

 000000

 894856

 A4606F

 C07A88

 DD94A2

 FAAFBD

 FFCBD9

 3B0015

■ 3B0619

■ 3B0C1D

■ 3B1220

■ 3B1824

■ 3B1D28

■ 3B232C

■ 3B2930

■ 3B2F33

■ 3B3537

Harmonies

Analogous

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



340529



3B0015



380700

Triad

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



3B0015



031F00



00203E

Complementary

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



3B0015



003B26

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.



002231



3B0015



002203

Square

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



3B0015



1D1A00



00231E



001A41

Rectangle

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



3B0015



310F00



00231E



00213B

Sweetspot

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



3B0015



4D363E



25003B



26181D



A6A6A6



262626

Same Dimension

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



3B0015



4D001B



3B0800



1F1C1D



5E0022



DE004F

Inverse Universe

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



3B0015



4D001B



00333B



1F1C1D



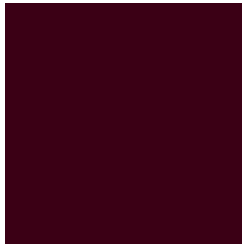
5E0022



DE004F

Previews

White Background



This preview shows how the Hex color 3B0015 looks on a white background.

Color Contrast Check

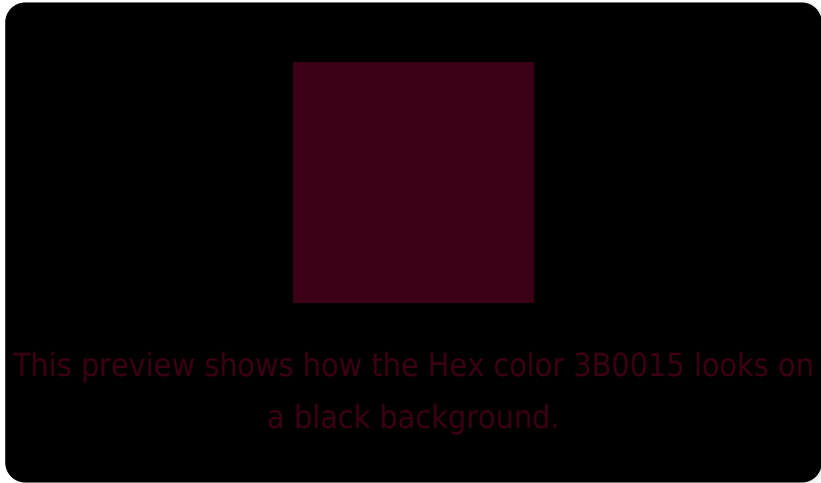
Large Text (above 18pt) WCAG AA ✓ Pass

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

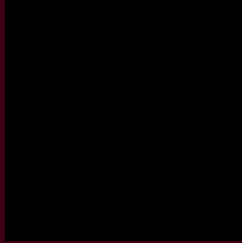
Any Text WCAG AA × Fail

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 3B0015 Background



This preview shows how black text looks on a background with the Hex color 3B0015.



This preview shows how white text looks on a background with the Hex color 3B0015.

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](#).

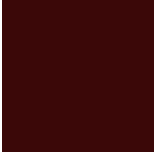
Dichromacy



Original Color
3B0015

Protanopia
1F1E1F

Deuteranopia
251D12



Tritanopia
3B0808

Trichromacy



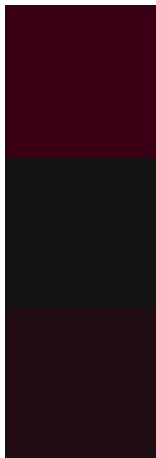
Original Color
3B0015

Protanomaly
29131B

Deuteranomaly
2D1213

Tritanomaly
3B050D

Monochromacy



Original Color
3B0015

Achromatopsia
141414

Achromatomaly
220D14

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B0015 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 #3B0015 looks like.

```
.text, #text, p{  
    color:#3B0015  
}
```

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 #3B0015 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B0015
}
```

Border

The CSS property to change the border of an element to Hex 3B0015 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".

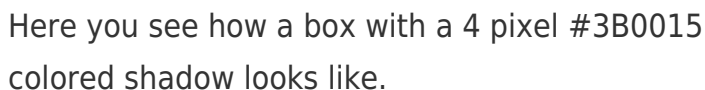
```
.border, #border, table{ border:4px solid
#3B0015 }
```

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

```
.border{ border-color:#3B0015 }
```

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

Here you see how a box with a 4 pixel #3B0015 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom sides of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B0015; -webkit-box-shadow:4px 4px  
4px 4px #3B0015; box-shadow:4px 4px 4px  
4px #3B0015 }
```

Background

The CSS property to change the background color of an element to Hex 3B0015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B0015 }
```

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

```
.background{ background-color:#3B0015 }
```

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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