

# Converting Colors

Hex(3B0225)

Have a look what the booklet for  
Hex(3B0225) contains.

<b>Hex(3B0225)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(3B0225)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B0225
RGB	59, 2, 37
RGB Percent	23%, 1%, 15%
CMY	0.7686, 0.9922, 0.8549
CMYK	0.00, 0.97, 0.37, 0.77
HSL	323°, 93%, 12%
HSV	323°, 97%, 23%
XYZ	2.1593, 1.1068, 1.8501
YIQ	23.0330, 22.7370, 22.9690

# Conversions

## Conversions Part 2

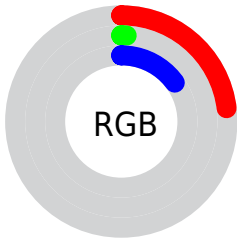
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	59, 2, 37
Decimal	3867173
CIE Lab	9.85, 30.18, -6.85
CIE LCh	10, 30.949, 347.220
Yxy	1.1068, 0.4220, 0.2163
Android (android.graphics.Color)	4282057253 (0xFF3B0225)
YUV	23.0330, 6.8857, 31.5431
Hunter-Lab	10.5204, 18.2255, -3.0623




# Details

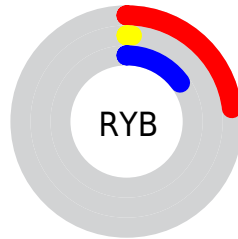
The Hex color **3B0225** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **023B18**, and the grayscale version is **171717**.




A 20% lighter version of the original color is **6D3252**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3B0024**, and if you desaturate by 10%, it is **3B0827**.

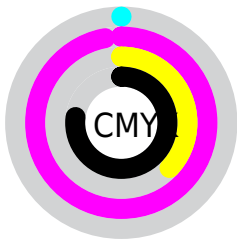
# Distribution







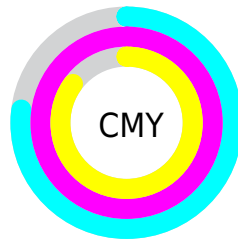
-  Red (23%)
-  Green (1%)
-  Blue (15%)






-  Red (23%)
-  Yellow (1%)
-  Blue (15%)



-  Cyan (0%)
-  Magenta (97%)
-  Yellow (37%)
-  Black (77%)



-  Cyan (77%)
-  Magenta (99%)
-  Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B0225 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 3B0225 by changing the saturation by 10% instead.



 3B0225

 3B0225

 FFEAFF

 280010

 6D3252

 000000

 874A6A

 A26383

 BE7D9D

 DA97B8

 F7B2D4

 FFCEFO

 3B0225

 3B0225

■ 3B0024

■ 3B0827

■ 3B0E2A

■ 3B142C

■ 3B1A2E

■ 3B1F30

■ 3B2533

■ 3B2B35

■ 3B3137

■ 3B3739

# Harmonies

## Analogous

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



2A0E38



3B0225



3F010F

# Triad

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



3B0225



181E00



00243A

# Complementary

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



3B0225



023B18

# 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.



002527



3B0225



002200

# Square

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



3B0225



2B1700



002511



002044

# Rectangle

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



3B0225



3C0700



002511



002434



# Sweetspot

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



3B0225



4D3644



18023B



261921



A6A6A6



262626



# Same Dimension

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



3B0225



4D002F



3B0209



1F1C1D



5E003A



DE0088



# Inverse Universe

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



3B0225



4D002F



023B34



1F1C1D



5E003A

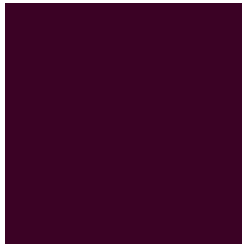


DE0088



# Previews

## White Background



This preview shows how the Hex color 3B0225 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

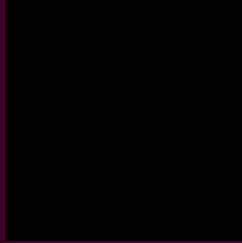
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3B0225 Background



This preview shows how black text looks on a background with the Hex color 3B0225.



This preview shows how white text looks on a background with the Hex color 3B0225.

# 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**  
3B0225

**Protanopia**  
161F35

**Deuteranopia**  
211E22



# Trichromacy



**Original Color**  
3B0225

**Protanomaly**  
23142F

**Deuteranomaly**  
2A1423

**Tritanomaly**  
3A0A17

# Monochromacy



**Original Color**  
3B0225

**Achromatopsia**  
171717

**Achromatomaly**  
240F1C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B0225 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 #3B0225 looks like.

```
.text, #text, p{  
    color:#3B0225  
}
```

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 #3B0225 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B0225
}
```

## Border

The CSS property to change the border of an element to Hex 3B0225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

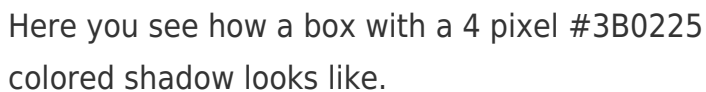
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B0225 }
```

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

```
.border{ border-color:#3B0225 }
```

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



Here you see how a box with a 4 pixel #3B0225 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B0225; -webkit-box-shadow:4px 4px  
4px 4px #3B0225; box-shadow:4px 4px 4px  
4px #3B0225 }
```

# Background

The CSS property to change the background color of an element to Hex 3B0225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B0225 }
```

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

```
.background{ background-color:#3B0225 }
```

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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