

# Converting Colors

Hex(3B0D5A)

Have a look what the booklet for  
Hex(3B0D5A) contains.

<b>Hex(3B0D5A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(3B0D5A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B0D5A
RGB	59, 13, 90
RGB Percent	23%, 5%, 35%
CMY	0.7686, 0.9490, 0.6471
CMYK	0.34, 0.86, 0.00, 0.65
HSL	276°, 75%, 20%
HSV	276°, 86%, 35%
XYZ	3.7930, 1.9558, 9.8505
YIQ	35.5320, 2.6990, 33.6990

# Conversions

## Conversions Part 2

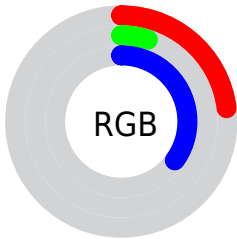
Format	Color
<b>R<sub>YB</sub></b>	59, 13, 90
Decimal	3870042
CIE <sub>Lab</sub>	15.25, 36.15, -35.90
CIE <sub>LCh</sub>	15, 50.946, 315.201
Yxy	1.9558, 0.2432, 0.1254
Android (android.graphics.Color)	4282060122 (0xFF3B0D5A)
YUV	35.5320, 26.8527, 20.5814
Hunter-Lab	13.9851, 23.9384, -31.9714

# Details

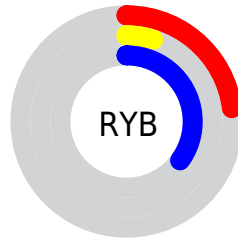
The Hex color **3B0D5A** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2C5A0D**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **6E3E8D**, and **03002B** is the 20% darker color. If you saturate the color by 10%, you get **37045A**, and if you desaturate by 10%, it is **3F165A**.

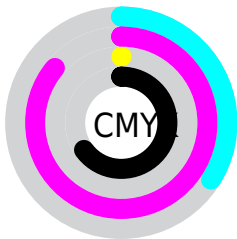
# Distribution



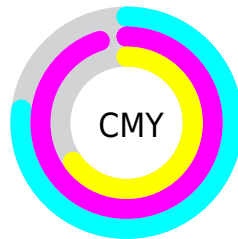
- Red (23%)
- Green (5%)
- Blue (35%)



- Red (23%)
- Yellow (5%)
- Blue (35%)



- Cyan (34%)
- Magenta (86%)
- Yellow (0%)
- Black (65%)



- Cyan (77%)
- Magenta (95%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B0D5A 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 3B0D5A by changing the saturation by 10% instead.



 3B0D5A

 3B0D5A

 FFF8FF

 230042

 6E3E8D

 03002B

 8856A8

 000115

 A46FC3

 000000

 BF89DF

 DCA4FC

 F9BFFF

 FFDBFF

 3B0D5A

 3B0D5A

■ 37045A

■ 3F165A

■ 36005A

■ 421F5A

■ 46285A

■ 49315A

■ 4D3A5A

■ 51435A

■ 544C5A

■ 58555A

■ 5C5E5A

# Harmonies

## Analogous

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



00266E



3B0D5A



5A003A

# Triad

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



3B0D5A



3F1E00



003438

# Complementary

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



3B0D5A



2C5A0D

# 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.



003312



3B0D5A



1F2A00

# Square

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



3B0D5A



560000



003000



00345A

# Rectangle

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



3B0D5A



610022



003000



00342C



# Sweetspot

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



3B0D5A



695775



0D2D5A



33283B



BABABA



3B3B3B



# Same Dimension

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



3B0D5A



460075



5A0D54



2C292E



42006E



8E00ED



# Inverse Universe

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



5A0D2C



75002F



0D5A13



2E292B



6E002C

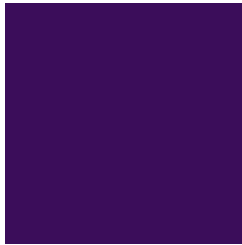


ED005F



# Previews

## White Background



This preview shows how the Hex color 3B0D5A looks on a white background.

## Color Contrast Check

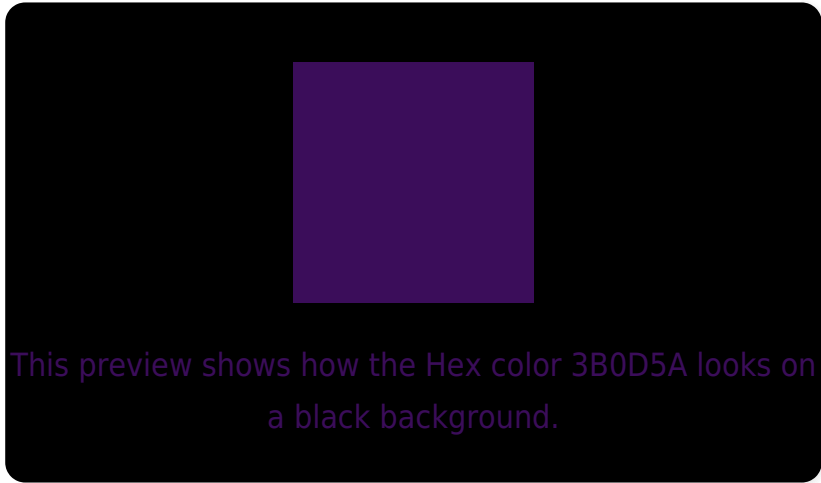
Large Text (above 18pt) WCAG AA ✓ Pass

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

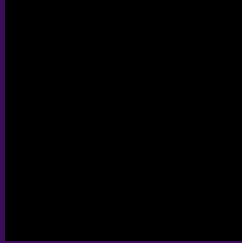
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3B0D5A Background



This preview shows how black text looks on a background with the Hex color 3B0D5A.



This preview shows how white text looks on a background with the Hex color 3B0D5A.

# 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**  
3B0D5A

**Protanopia**  
002752

**Deuteranopia**  
002947



**Tritanopia**  
312527

# Trichromacy



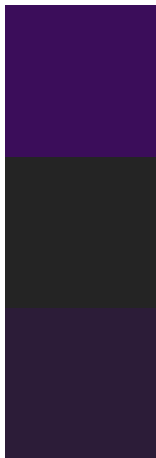
**Original Color**  
3B0D5A

**Protanomaly**  
151E55

**Deuteranomaly**  
151F4E

**Tritanomaly**  
351C3A

# Monochromacy



**Original Color**  
3B0D5A

**Achromatopsia**  
242424

**Achromatomaly**  
2C1C38

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B0D5A 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 #3B0D5A looks like.

```
.text, #text, p{  
    color:#3B0D5A  
}
```

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 #3B0D5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B0D5A
}
```

## Border

The CSS property to change the border of an element to Hex 3B0D5A 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".

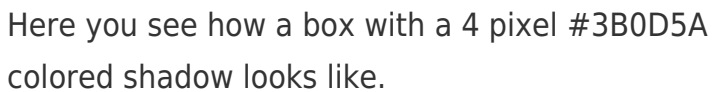
```
.border, #border, table{ border:4px solid
#3B0D5A }
```

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

```
.border{ border-color:#3B0D5A }
```

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

Here you see how a box with a 4 pixel #3B0D5A 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 #3B0D5A; -webkit-box-shadow:4px 4px  
4px 4px #3B0D5A; box-shadow:4px 4px 4px  
4px #3B0D5A }
```

# Background

The CSS property to change the background color of an element to Hex 3B0D5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B0D5A }
```

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

```
.background{ background-color:#3B0D5A }
```

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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