

# Converting Colors

Hex(3A0862)

Have a look what the booklet for  
Hex(3A0862) contains.

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# Color

**Hex(3A0862)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A0862
RGB	58, 8, 98
RGB Percent	23%, 3%, 38%
CMY	0.7725, 0.9686, 0.6157
CMYK	0.41, 0.92, 0.00, 0.62
HSL	273°, 85%, 21%
HSV	273°, 92%, 38%
XYZ	4.0364, 1.9550, 11.7199
YIQ	33.2100, 0.9100, 38.5900

# Conversions

## Conversions Part 2

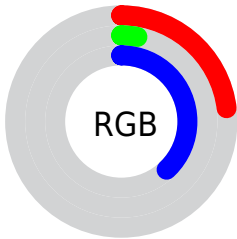
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	58, 8, 98
Decimal	3803234
CIE <sub>Lab</sub>	15.25, 39.75, -41.26
CIE <sub>LCh</sub>	15, 57.290, 313.931
Yxy	1.9550, 0.2279, 0.1104
Android (android.graphics.Color)	4281993314 (0xFF3A0862)
YUV	33.2100, 31.9415, 21.7408
Hunter-Lab	13.9823, 27.0597, -39.9090




# Details

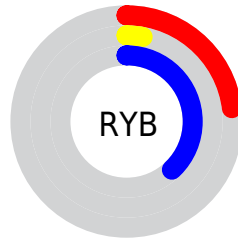
The Hex color **3A0862** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **306208**, and the grayscale version is **212121**.




A 20% lighter version of the original color is **6E3B96**, and **000032** is the 20% darker color. If you saturate the color by 10%, you get **360062**, and if you desaturate by 10%, it is **3E1262**.

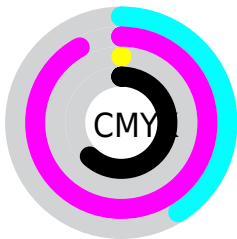
# Distribution







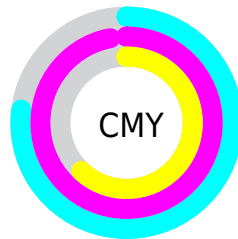
-  Red (23%)
-  Green (3%)
-  Blue (38%)






-  Red (23%)
-  Yellow (3%)
-  Blue (38%)



-  Cyan (41%)
-  Magenta (92%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (77%)
-  Magenta (97%)
-  Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A0862 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 3A0862 by changing the saturation by 10% instead.



 3A0862

 3A0862

 FFF6FF

 20004A

 6E3B96

 000032

 8953B1

 00021C

 A46DCC

 000000

 C087E9

 DDA2FF

 FABDFF

 FFD9FF

 3A0862

 3A0862

■ 360062

■ 3E1262

■ 431C62

■ 472562

■ 4B2F62

■ 503962

■ 544362

■ 584D62

■ 5D5662

■ 616062

# Harmonies

## Analogous

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



002778



3A0862



5F003E

# Triad

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



3A0862



421C00



003539

# Complementary

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



3A0862



306208

# 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.



00340D



3A0862



1F2A00

# Square

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



3A0862



5B0000



003100



00355F

# Rectangle

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



3A0862



670023



003100



00352B



# Sweetspot

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



3A0862



705C80



083162



362A40



BFBFBF



404040



# Same Dimension

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



3A0862



470080



62085E



2E2C30



3E0070



8500F0



# Inverse Universe

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



620830



800039



08620C



302C2E



700032

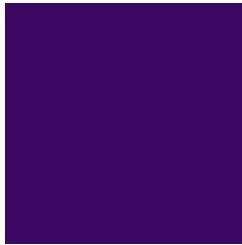


F0006B



# Previews

## White Background



This preview shows how the Hex color 3A0862 looks on a white background.

## Color Contrast Check

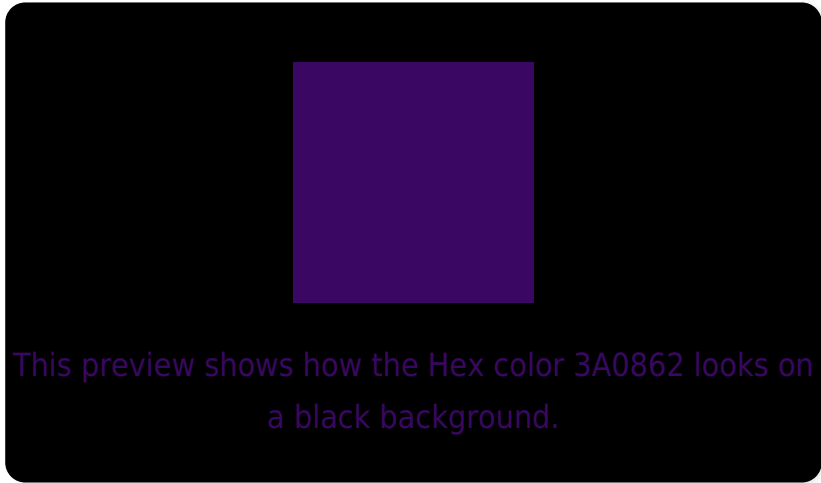
Large Text (above 18pt) WCAG AA ✓ Pass

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

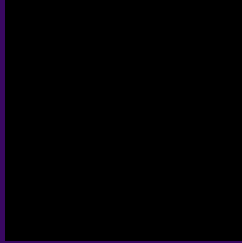
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3A0862 Background



This preview shows how black text looks on a background with the Hex color 3A0862.



This preview shows how white text looks on a background with the Hex color 3A0862.

# 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**  
3A0862

**Protanopia**  
002753

**Deuteranopia**  
002A47



**Tritanopia**  
2E272A

# Trichromacy



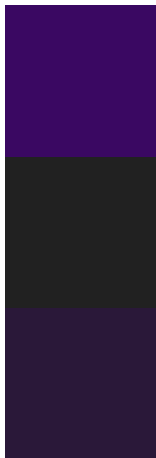
**Original Color**  
3A0862

**Protanomaly**  
151C58

**Deuteranomaly**  
151E51

**Tritanomaly**  
321C3E

# Monochromacy



**Original Color**  
3A0862

**Achromatopsia**  
212121

**Achromatomaly**  
2A1839

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A0862 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 #3A0862 looks like.

```
.text, #text, p{  
    color:#3A0862  
}
```

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 #3A0862 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A0862
}
```

## Border

The CSS property to change the border of an element to Hex 3A0862 is called "border". The border property can be set on classes, ids or directly on the HTML element.

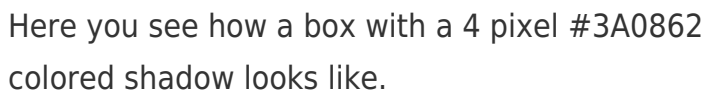
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A0862 }
```

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

```
.border{ border-color:#3A0862 }
```

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



Here you see how a box with a 4 pixel #3A0862 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A0862; -webkit-box-shadow:4px 4px  
4px 4px #3A0862; box-shadow:4px 4px 4px  
4px #3A0862 }
```

# Background

The CSS property to change the background color of an element to Hex 3A0862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A0862 }
```

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

```
.background{ background-color:#3A0862 }
```

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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