

Converting Colors

Hex(3A0263)

Have a look what the booklet for
Hex(3A0263) contains.

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Color

Hex(3A0263)

Conversions

Conversions Part 1

Format	Color
Hex	3A0263
RGB	58, 2, 99
RGB Percent	23%, 1%, 39%
CMY	0.7725, 0.9922, 0.6118
CMYK	0.41, 0.98, 0.00, 0.61
HSL	275°, 96%, 20%
HSV	275°, 98%, 39%
XYZ	4.0188, 1.8438, 11.9485
YIQ	29.8020, 2.2390, 42.0390

Conversions

Conversions Part 2

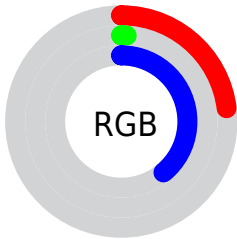
Format	Color
R_{YB}	58, 2, 99
Decimal	3801699
CIE _{Lab}	14.65, 42.10, -42.92
CIE _{LCh}	15, 60.116, 314.449
Yxy	1.8438, 0.2256, 0.1035
Android (android.graphics.Color)	4281991779 (0xFF3A0263)
YUV	29.8020, 34.1146, 24.7296
Hunter-Lab	13.5787, 29.0663, -42.6666

Details

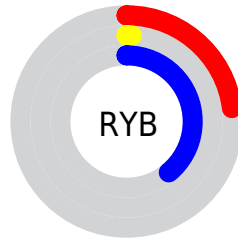
The Hex color **3A0263** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2B6302**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **6E3797**, and **000033** is the 20% darker color. If you saturate the color by 10%, you get **390063**, and if you desaturate by 10%, it is **3E0C63**.

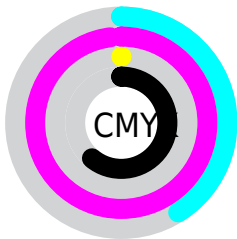
Distribution



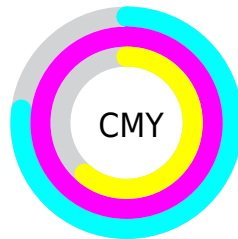
- Red (23%)
- Green (1%)
- Blue (39%)



- Red (23%)
- Yellow (1%)
- Blue (39%)



- Cyan (41%)
- Magenta (98%)
- Yellow (0%)
- Black (61%)



- Cyan (77%)
- Magenta (99%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A0263 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 3A0263 by changing the saturation by 10% instead.

 3A0263

 3A0263

 FFF2FF

 20004B

 6E3797

 000033

 8950B2

 00021D

 A569CE

 000000

 C183EA

 DE9EFF

 FBBAFF

 FFD6FF

 3A0263

 3A0263

■ 390063

■ 3E0C63

■ 421663

■ 472063

■ 4B2A63

■ 4F3463

■ 533D63

■ 574763

■ 5B5163

■ 605B63

Harmonies

Analogous

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



00257A



3A0263



61003D

Triad

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



3A0263



401A00



003539

Complementary

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



3A0263



2B6302

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.



00330A



3A0263



1B2A00

Square

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



3A0263



5B0000



003000



003461

Rectangle

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



3A0263



680021



003000



00342A

Sweetspot

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



3A0263



705B80



022C63



362940



BFBFBF



404040

Same Dimension

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



3A0263



4A0080



63025D



2E2C30



410070



8A00F0

Inverse Universe

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



63022B



800036



026308



302C2E



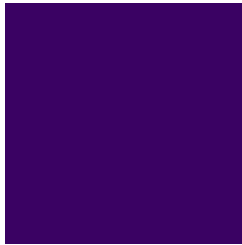
70002F



F00065

Previews

White Background



This preview shows how the Hex color 3A0263 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

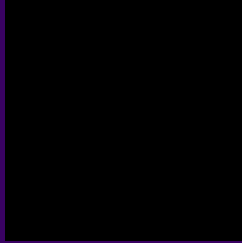
Any Text WCAG AA × Fail

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 3A0263 Background



This preview shows how black text looks on a background with the Hex color 3A0263.



This preview shows how white text looks on a background with the Hex color 3A0263.

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](#).

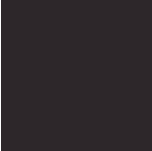
Dichromacy



Original Color
3A0263

Protanopia
002752

Deuteranopia
002A47



Tritanopia
2D272A

Trichromacy



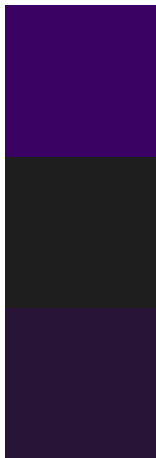
Original Color
3A0263

Protanomaly
151A58

Deuteranomaly
151B51

Tritanomaly
321A3F

Monochromacy



Original Color
3A0263

Achromatopsia
1E1E1E

Achromatomaly
281437

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A0263 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 #3A0263 looks like.

```
.text, #text, p{  
    color:#3A0263  
}
```

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 #3A0263 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A0263
}
```

Border

The CSS property to change the border of an element to Hex 3A0263 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
#3A0263 }
```

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

```
.border{ border-color:#3A0263 }
```

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

Here you see how a box with a 4 pixel #3A0263 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A0263; -webkit-box-shadow:4px 4px  
4px 4px #3A0263; box-shadow:4px 4px 4px  
4px #3A0263 }
```

Background

The CSS property to change the background color of an element to Hex 3A0263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A0263 }
```

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

```
.background{ background-color:#3A0263 }
```

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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