

Converting Colors

Hex(3A0088)

Have a look what the booklet for
Hex(3A0088) contains.

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Color

Hex(3A0088)

Conversions

Conversions Part 1

Format	Color
Hex	3A0088
RGB	58, 0, 136
RGB Percent	23%, 0%, 53%
CMY	0.7725, 1.0000, 0.4667
CMYK	0.57, 1.00, 0.00, 0.47
HSL	266°, 100%, 27%
HSV	266°, 100%, 53%
XYZ	6.1889, 2.6771, 23.4831
YIQ	32.8460, -9.0880, 54.5920

Conversions

Conversions Part 2

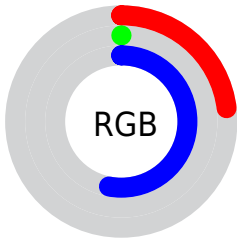
Format	Color
RYB	58, 0, 136
Decimal	3801224
CIELab	18.70, 51.58, -60.11
CIELCh	19, 79.205, 310.632
Yxy	2.6771, 0.1913, 0.0828
Android (android.graphics.Color)	4281991304 (0xFF3A0088)
YUV	32.8460, 50.8549, 22.0601
Hunter-Lab	16.3619, 38.8840, -73.6415

Details

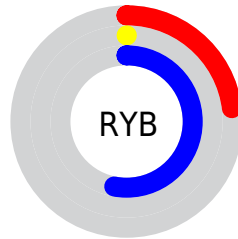
The Hex color **3A0088** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **4E8800**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **743ABF**, and **000055** is the 20% darker color. If you saturate the color by 10%, you get **3A0088**, and if you desaturate by 10%, it is **420E88**.

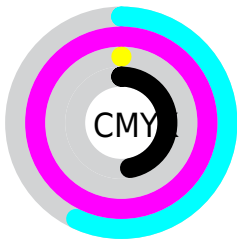
Distribution



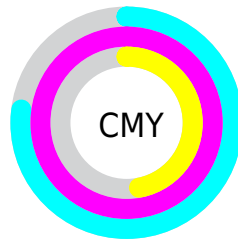
- Red (23%)
- Green (0%)
- Blue (53%)



- Red (23%)
- Yellow (0%)
- Blue (53%)



- Cyan (57%)
- Magenta (100%)
- Yellow (0%)
- Black (47%)



- Cyan (77%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A0088 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 3A0088 by changing the saturation by 10% instead.

 3A0088

 3A0088

 FFF8FF

 18006E

 743ABF

 000055

 9054DB

 00043C

 AD6EF8

 000226

 CA88FF

 00010E

 E7A3FF

 000000

 FFBFFF

 FFD8FF

 3A0088

■ 420E88

■ 4A1B88

■ 512988

■ 593688

■ 614488

■ 695288

■ 715F88

■ 786D88

■ 807A88

Harmonies

Analogous

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



0032A4



3A0088



7A0055

Triad

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



3A0088



561A00



004042

Complementary

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



3A0088



4E8800

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.



003F00



3A0088



263200

Square

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



3A0088



770000



003B00



00417A

Rectangle

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



3A0088



860030



003B00



00402D

Sweetspot

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



3A0088



927BB0



004F88



473959



D9D9D9



595959

Same Dimension

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



3A0088



4B00B0



7D0088



413E45



390085



020005

Inverse Universe

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



88004E



B00065



0B8800



453E42



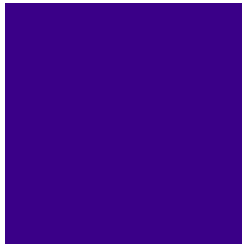
85004C



050003

Previews

White Background



This preview shows how the Hex color 3A0088 looks on a white background.

Color Contrast Check

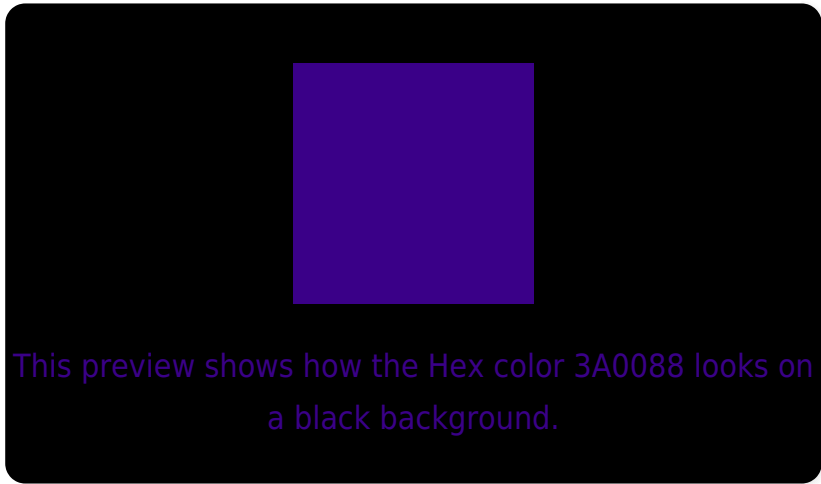
Large Text (above 18pt) WCAG AA ✓ Pass

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

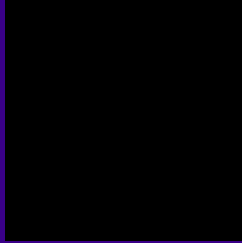
Any Text WCAG AA × Fail

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 3A0088 Background



This preview shows how black text looks on a background with the Hex color 3A0088.



This preview shows how white text looks on a background with the Hex color 3A0088.

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](#).

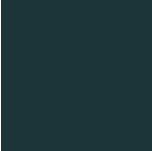
Dichromacy



Original Color
3A0088

Protanopia
002F63

Deuteranopia
003355



Tritanopia
1B3539

Trichromacy



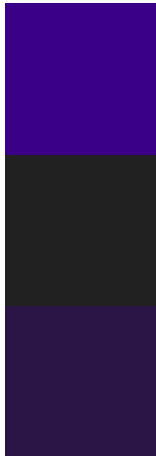
Original Color
3A0088

Protanomaly
151E70

Deuteranomaly
152068

Tritanomaly
262256

Monochromacy



Original Color
3A0088

Achromatopsia
212121

Achromatomaly
2A1546

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A0088 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 #3A0088 looks like.

```
.text, #text, p{  
    color:#3A0088  
}
```

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 #3A0088 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A0088
}
```

Border

The CSS property to change the border of an element to Hex 3A0088 is called "border". The border property can be set on classes, ids or directly on the HTML element.

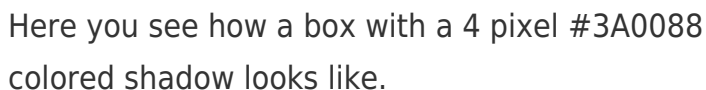
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A0088 }
```

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

```
.border{ border-color:#3A0088 }
```

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



Here you see how a box with a 4 pixel #3A0088 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A0088; -webkit-box-shadow:4px 4px  
4px 4px #3A0088; box-shadow:4px 4px 4px  
4px #3A0088 }
```

Background

The CSS property to change the background color of an element to Hex 3A0088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A0088 }
```

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

```
.background{ background-color:#3A0088 }
```

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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