

Converting Colors

Hex(3A0298)

Have a look what the booklet for
Hex(3A0298) contains.

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Color

Hex(3A0298)

Conversions

Conversions Part 1

Format	Color
Hex	3A0298
RGB	58, 2, 152
RGB Percent	23%, 1%, 60%
CMY	0.7725, 0.9922, 0.4039
CMYK	0.62, 0.99, 0.00, 0.40
HSL	262°, 97%, 30%
HSV	262°, 99%, 60%
XYZ	7.4341, 3.2100, 29.9335
YIQ	35.8440, -14.7740, 58.5220

Conversions

Conversions Part 2

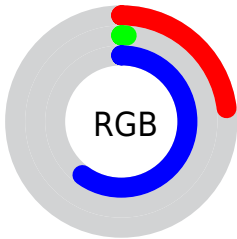
Format	Color
RYB	58, 2, 152
Decimal	3801752
CIELab	20.87, 54.92, -66.48
CIELCh	21, 86.237, 309.561
Yxy	3.2100, 0.1832, 0.0791
Android (android.graphics.Color)	4281991832 (0xFF3A0298)
YUV	35.8440, 57.2649, 19.4308
Hunter-Lab	17.9163, 42.7124, -86.5166

Details

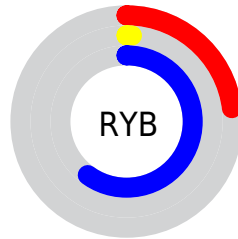
The Hex color **3A0298** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **609802**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **763DD0**, and **000064** is the 20% darker color. If you saturate the color by 10%, you get **390098**, and if you desaturate by 10%, it is **441198**.

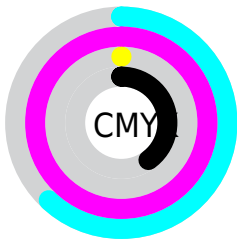
Distribution



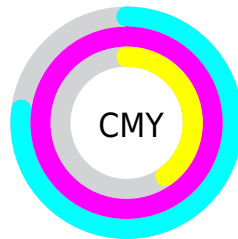
- Red (23%)
- Green (1%)
- Blue (60%)



- Red (23%)
- Yellow (1%)
- Blue (60%)



- Cyan (62%)
- Magenta (99%)
- Yellow (0%)
- Black (40%)



- Cyan (77%)
- Magenta (99%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A0298 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 3A0298 by changing the saturation by 10% instead.

 3A0298

 3A0298

 FFFDFF

 12007D


 763DD0

 000064

 9357EC

 00004A

 B171FF

 000433

 CE8CFF

 00021D

 ECA7FF

 000000

 FFC3FF

 FFE0FF

 3A0298

 3A0298

■ 390098

■ 441198

■ 4D2098

■ 573098

■ 603F98

■ 6A4E98

■ 735D98

■ 7D6C98

■ 867C98

■ 908B98

Harmonies

Analogous

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



0039B6



3A0298



850060

Triad

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



3A0298



601A00



004646

Complementary

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



3A0298



609802

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.



004400



3A0298



2C3700

Square

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



3A0298



850000



004000



004885

Rectangle

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



3A0298



940037



004000



004630

Sweetspot

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



3A0298



9F89C4



026198



4D4063



E3E3E3



636363

Same Dimension

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



3A0298



4900C4



840298



48454D



34008C



05000D

Inverse Universe

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



980260



C4007B



169802



4D454A



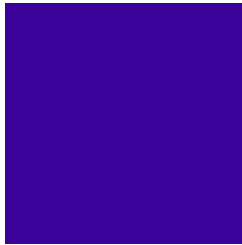
8C0058



0D0008

Previews

White Background



This preview shows how the Hex color 3A0298 looks on a white background.

Color Contrast Check

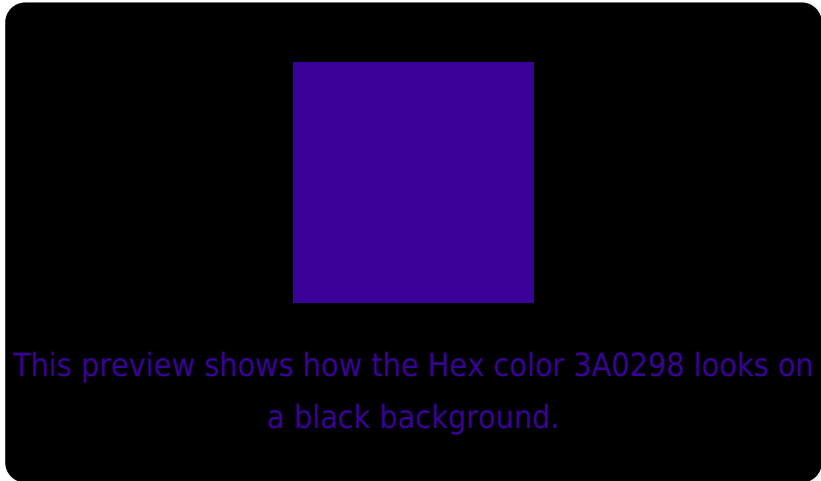
Large Text (above 18pt) WCAG AA ✓ Pass

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

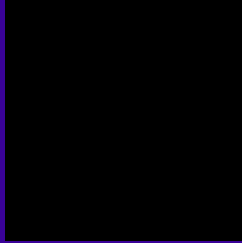
Any Text WCAG AA × Fail

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 3A0298 Background



This preview shows how black text looks on a background with the Hex color 3A0298.



This preview shows how white text looks on a background with the Hex color 3A0298.

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
3A0298

Protanopia
00336C

Deuteranopia
00375C



Tritanopia
003B3F

Trichromacy



Original Color
3A0298

Protanomaly
15217C

Deuteranomaly
152472

Tritanomaly
15265F

Monochromacy



Original Color
3A0298

Achromatopsia
242424

Achromatomaly
2C184E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A0298 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 #3A0298 looks like.

```
.text, #text, p{  
    color:#3A0298  
}
```

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 #3A0298 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A0298
}
```

Border

The CSS property to change the border of an element to Hex 3A0298 is called "border". The border property can be set on classes, ids or directly on the HTML element.

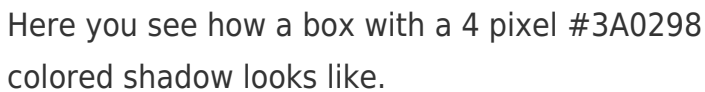
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A0298 }
```

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

```
.border{ border-color:#3A0298 }
```

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



Here you see how a box with a 4 pixel #3A0298 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A0298; -webkit-box-shadow:4px 4px  
4px 4px #3A0298; box-shadow:4px 4px 4px  
4px #3A0298 }
```

Background

The CSS property to change the background color of an element to Hex 3A0298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A0298 }
```

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

```
.background{ background-color:#3A0298 }
```

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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