

Converting Colors

Hex(3C008C)

Have a look what the booklet for
Hex(3C008C) contains.

Hex(3C008C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3C008C)

Conversions

Conversions Part 1

Format	Color
Hex	3C008C
RGB	60, 0, 140
RGB Percent	24%, 0%, 55%
CMY	0.7647, 1.0000, 0.4510
CMYK	0.57, 1.00, 0.00, 0.45
HSL	266°, 100%, 27%
HSV	266°, 100%, 55%
XYZ	6.5971, 2.8541, 25.0141
YIQ	33.9000, -9.1800, 56.2600

Conversions

Conversions Part 2

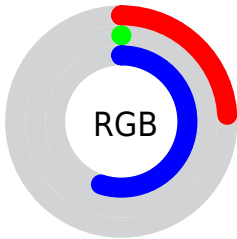
Format	Color
RYB	60, 0, 140
Decimal	3932300
CIELab	19.45, 52.68, -61.37
CIELCh	19, 80.881, 310.643
Yxy	2.8541, 0.1914, 0.0828
Android (android.graphics.Color)	4282122380 (0xFF3C008C)
YUV	33.9000, 52.3073, 22.8897
Hunter-Lab	16.8941, 40.1391, -75.9614

Details

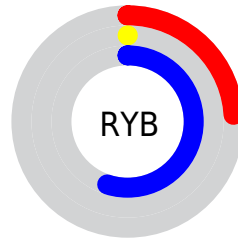
The Hex color **3C008C** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **508C00**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **763BC3**, and **000059** is the 20% darker color. If you saturate the color by 10%, you get **3C008C**, and if you desaturate by 10%, it is **440E8C**.

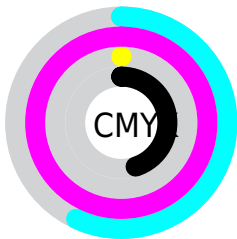
Distribution



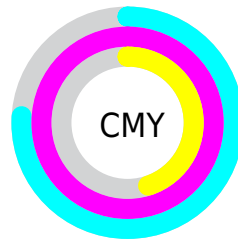
- Red (24%)
- Green (0%)
- Blue (55%)



- Red (24%)
- Yellow (0%)
- Blue (55%)



- Cyan (57%)
- Magenta (100%)
- Yellow (0%)
- Black (45%)



- Cyan (76%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C008C 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 3C008C by changing the saturation by 10% instead.

 3C008C

 3C008C

 FFFAFF

 1A0072

 763BC3

 000059

 9355DF

 000140

 AF6FFC

 000329

 CD89FF

 000113

 EAA4FF

 000000

 FFC0FF

 FFDDFF

 3C008C

 440E8C

 4C1C8C

 542A8C

 5C388C

 64468C

 6C548C

 74628C

 7C708C

 847E8C

Harmonies

Analogous

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



0034A9



3C008C



7D0058

Triad

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



3C008C



591B00



004244

Complementary

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



3C008C



508C00

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.



004000



3C008C



273400

Square

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



3C008C



7B0000



003D00



00437D

Rectangle

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



3C008C



8A0031



003D00



00422F

Sweetspot

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



3C008C



967FB5



00528C



493B5C



DBDBDB



5C5C5C

Same Dimension

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



3C008C



4E00B5



80008C



413E45



390085



020005

Inverse Universe

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



8C0050



B50067



0C8C00



453E42



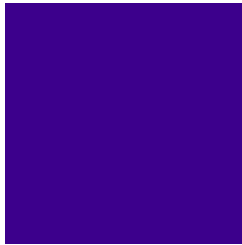
85004C



050003

Previews

White Background



This preview shows how the Hex color 3C008C looks on a white background.

Color Contrast Check

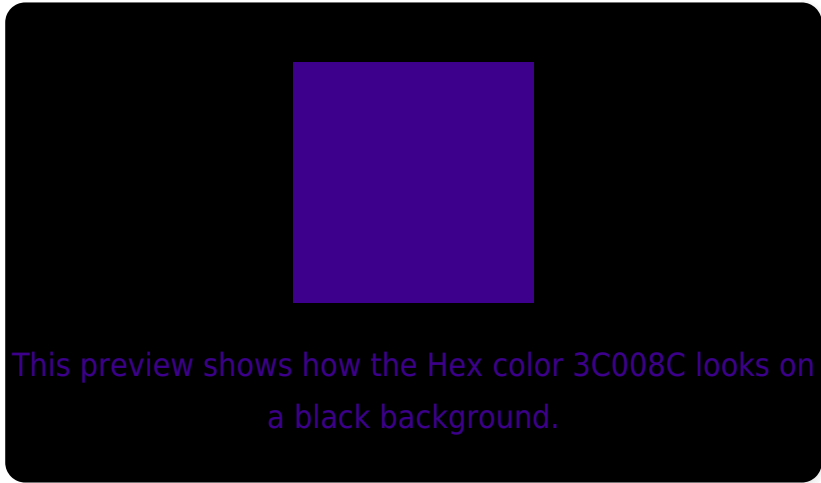
Large Text (above 18pt) WCAG AA ✓ Pass

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

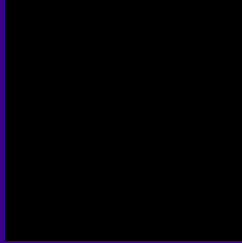
Any Text WCAG AA × Fail

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 3C008C Background



This preview shows how black text looks on a background with the Hex color 3C008C.



This preview shows how white text looks on a background with the Hex color 3C008C.

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
3C008C

Protanopia
003167

Deuteranopia
003457



Tritanopia
1C363B

Trichromacy



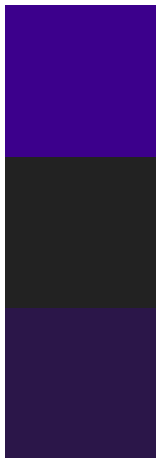
Original Color
3C008C

Protanomaly
161F74

Deuteranomaly
16216A

Tritanomaly
282258

Monochromacy



Original Color
3C008C

Achromatopsia
222222

Achromatomaly
2B1649

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C008C 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 #3C008C looks like.

```
.text, #text, p{  
    color:#3C008C  
}
```

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 #3C008C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C008C
}
```

Border

The CSS property to change the border of an element to Hex 3C008C is called "border". The border property can be set on classes, ids or directly on the HTML element.

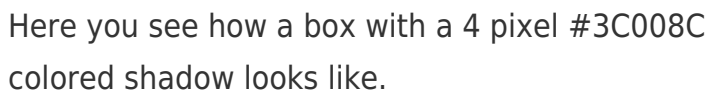
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C008C }
```

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

```
.border{ border-color:#3C008C }
```

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



Here you see how a box with a 4 pixel #3C008C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C008C; -webkit-box-shadow:4px 4px  
4px 4px #3C008C; box-shadow:4px 4px 4px  
4px #3C008C }
```

Background

The CSS property to change the background color of an element to Hex 3C008C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C008C }
```

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

```
.background{ background-color:#3C008C }
```

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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