

Converting Colors

Hex(340B79)

Have a look what the booklet for
Hex(340B79) contains.

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Color

Hex(340B79)

Conversions

Conversions Part 1

Format	Color
Hex	340B79
RGB	52, 11, 121
RGB Percent	20%, 4%, 47%
CMY	0.7961, 0.9569, 0.5255
CMYK	0.57, 0.91, 0.00, 0.53
HSL	262°, 83%, 26%
HSV	262°, 91%, 47%
XYZ	4.9870, 2.3499, 18.2799
YIQ	35.7990, -10.8740, 42.9020

Conversions

Conversions Part 2

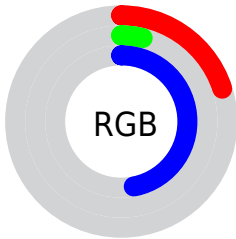
Format	Color
RYB	52, 11, 121
Decimal	3410809
CIELab	17.23, 43.97, -53.05
CIELCh	17, 68.901, 309.656
Yxy	2.3499, 0.1947, 0.0917
Android (android.graphics.Color)	4281600889 (0xFF340B79)
YUV	35.7990, 42.0041, 14.2083
Hunter-Lab	15.3293, 31.2444, -59.9715




Details

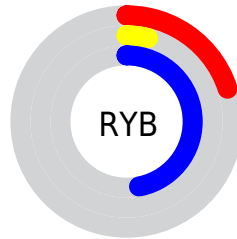
The Hex color **340B79** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **50790B**, and the grayscale version is **232323**.



A 20% lighter version of the original color is **6C3EAE**, and **000047** is the 20% darker color. If you saturate the color by 10%, you get **2D0079**, and if you desaturate by 10%, it is **3C1779**.

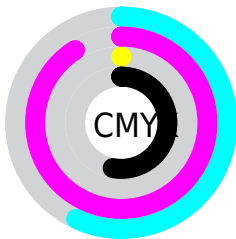
Distribution







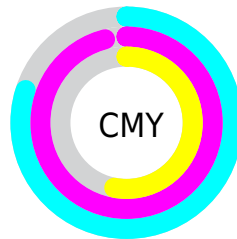
-  Red (20%)
-  Green (4%)
-  Blue (47%)






-  Red (20%)
-  Yellow (4%)
-  Blue (47%)



-  Cyan (57%)
-  Magenta (91%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (80%)
-  Magenta (96%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 340B79 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 340B79 by changing the saturation by 10% instead.

 340B79

 340B79

 FFFAFF

 13005F

 6C3EAE

 000047

 8757CA

 00042F

 A370E7

 00011A

 C08AFF

 000000

 DDA5FF

 FAC1FF

 FFDDFF

 340B79

 340B79

■ 2D0079

■ 3C1779

■ 432379

■ 4B2F79

■ 523B79

■ 5A4779

■ 625479

■ 696079

■ 716C79

■ 787879

Harmonies

Analogous

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



002E90



340B79



6C004E

Triad

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



340B79



4F1900



003B3A

Complementary

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



340B79



50790B

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.



003A00



340B79



272E00

Square

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



340B79



6C0000



003600



003C6A

Rectangle

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



340B79



77002E



003600



003B29

Sweetspot

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



340B79



83739E



0B5179



3F364F



CFCFCF



4F4F4F

Same Dimension

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



340B79



3B009E



6A0B79



39373D



2F007D



5E00FC

Inverse Universe

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



790B50



9E0063



1A790B



3D373B



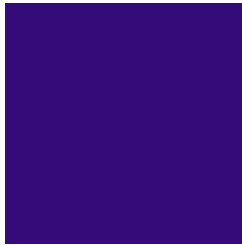
7D004E



FC009E

Previews

White Background



This preview shows how the Hex color 340B79 looks on a white background.

Color Contrast Check

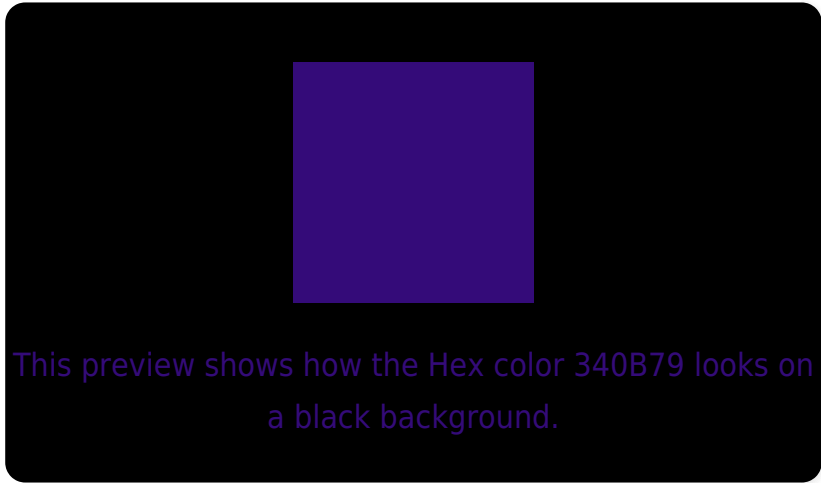
Large Text (above 18pt) WCAG AA ✓ Pass

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

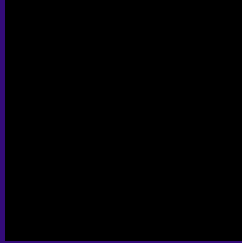
Any Text WCAG AA × Fail

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 340B79 Background



This preview shows how black text looks on a background with the Hex color 340B79.



This preview shows how white text looks on a background with the Hex color 340B79.

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
340B79

Protanopia
002B5A

Deuteranopia
002E4D



Tritanopia
193034

Trichromacy



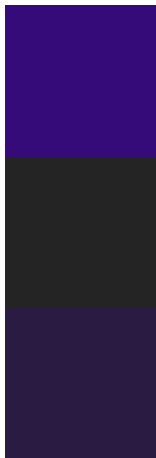
Original Color
340B79

Protanomaly
131F65

Deuteranomaly
13215D

Tritanomaly
23234D

Monochromacy



Original Color
340B79

Achromatopsia
242424

Achromatomaly
2A1B43

CSS Examples

Text

The CSS property to change the color of the text to Hex 340B79 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 #340B79 looks like.

```
.text, #text, p{  
    color:#340B79  
}
```

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 #340B79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #340B79
}
```

Border

The CSS property to change the border of an element to Hex 340B79 is called "border". The border property can be set on classes, ids or directly on the HTML element.

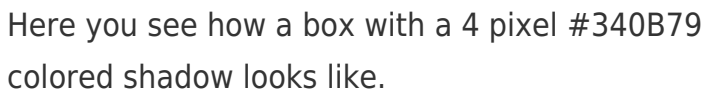
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#340B79 }
```

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

```
.border{ border-color:#340B79 }
```

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



Here you see how a box with a 4 pixel #340B79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #340B79; -webkit-box-shadow:4px 4px  
4px 4px #340B79; box-shadow:4px 4px 4px  
4px #340B79 }
```

Background

The CSS property to change the background color of an element to Hex 340B79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#340B79 }
```

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

```
.background{ background-color:#340B79 }
```

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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