

Converting Colors

Hex(340459)

Have a look what the booklet for
Hex(340459) contains.

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Color

Hex(340459)

Conversions

Conversions Part 1

Format	Color
Hex	340459
RGB	52, 4, 89
RGB Percent	20%, 2%, 35%
CMY	0.7961, 0.9843, 0.6510
CMYK	0.42, 0.96, 0.00, 0.65
HSL	274°, 91%, 18%
HSV	274°, 96%, 35%
XYZ	3.2628, 1.5382, 9.5761
YIQ	28.0420, 1.3230, 36.6110

Conversions

Conversions Part 2

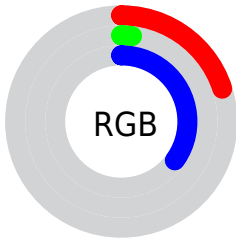
Format	Color
R_{YB}	52, 4, 89
Decimal	3408985
CIE _{Lab}	12.85, 38.15, -39.20
CIE _{LCh}	13, 54.703, 314.222
Yxy	1.5382, 0.2269, 0.1070
Android (android.graphics.Color)	4281599065 (0xFF340459)
YUV	28.0420, 30.0523, 21.0112
Hunter-Lab	12.4023, 25.2553, -37.0977

Details

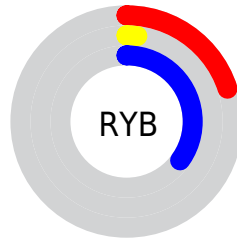
The Hex color **340459** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **295904**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **67368C**, and **00002A** is the 20% darker color. If you saturate the color by 10%, you get **320059**, and if you desaturate by 10%, it is **380D59**.

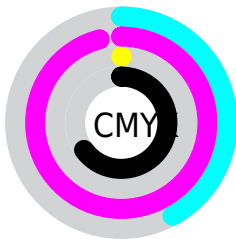
Distribution



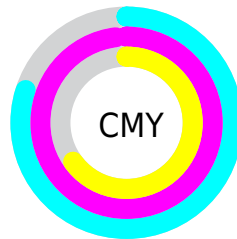
- Red (20%)
- Green (2%)
- Blue (35%)



- Red (20%)
- Yellow (2%)
- Blue (35%)



- Cyan (42%)
- Magenta (96%)
- Yellow (0%)
- Black (65%)



- Cyan (80%)
- Magenta (98%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 340459 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 340459 by changing the saturation by 10% instead.

 340459

 340459

 FFF0FF

 1D0041

 67368C

 00002A

 824FA7

 000114

 9D68C2

 000000

 B982DE

 D59CFB

 F2B7FF

 FFD3FF

 340459

 340459

■ 320059

■ 380D59

■ 3C1659

■ 401F59

■ 432859

■ 473159

■ 4B3959

■ 4F4259

■ 534B59

■ 575459

Harmonies

Analogous

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



00226D



340459



570037

Triad

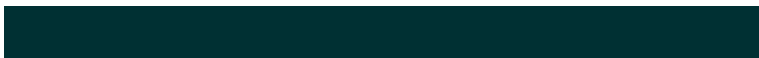
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



340459



3A1800



003033

Complementary

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



340459



295904

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.



002F08



340459



192500

Square

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



340459



520000



002C00



002F57

Rectangle

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



340459



5E001E



002C00



003026

Sweetspot

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



340459



645173



042A59



32263B



BABABA



3B3B3B

Same Dimension

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



340459



410073



590455



29272B



3C006B



8400EB

Inverse Universe

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



590429



730032



045908



2B2729



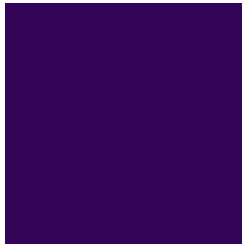
6B002F



EB0066

Previews

White Background



This preview shows how the Hex color 340459 looks on a white background.

Color Contrast Check

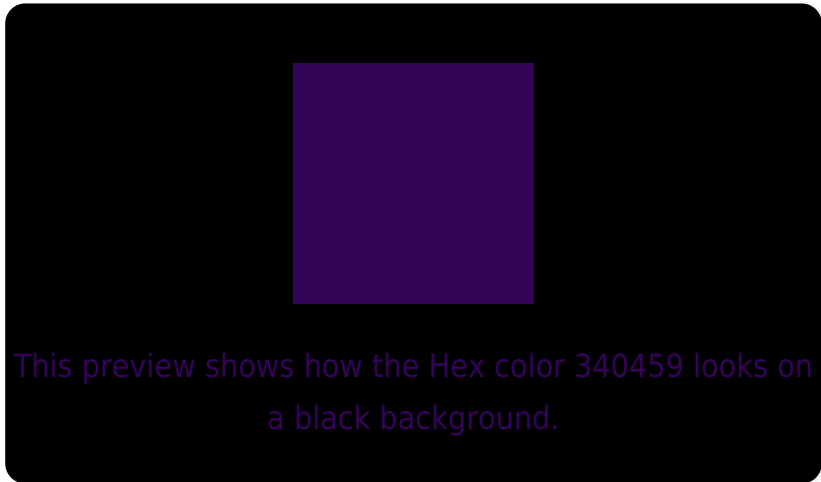
Large Text (above 18pt) WCAG AA ✓ Pass

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

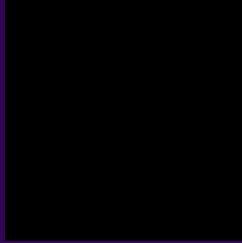
Any Text WCAG AA × Fail

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 340459 Background



This preview shows how black text looks on a background with the Hex color 340459.



This preview shows how white text looks on a background with the Hex color 340459.

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

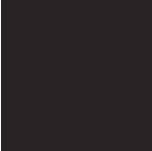
340459

Protanopia

00234A

Deuteranopia

002640



Tritanopia
292326

Trichromacy



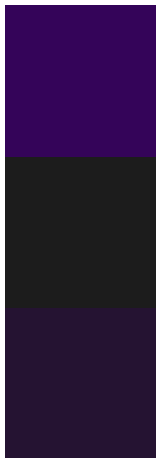
Original Color
340459

Protanomaly
13184F

Deuteranomaly
131A49

Tritanomaly
2D1839

Monochromacy



Original Color
340459

Achromatopsia
1C1C1C

Achromatomaly
251332

CSS Examples

Text

The CSS property to change the color of the text to Hex 340459 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 #340459 looks like.

```
.text, #text, p{  
    color:#340459  
}
```

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 #340459 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #340459
}
```

Border

The CSS property to change the border of an element to Hex 340459 is called "border". The border property can be set on classes, ids or directly on the HTML element.

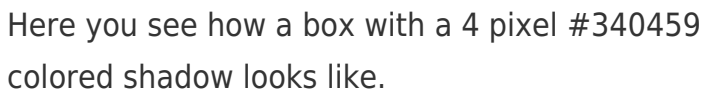
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#340459 }
```

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

```
.border{ border-color:#340459 }
```

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



Here you see how a box with a 4 pixel #340459 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #340459; -webkit-box-shadow:4px 4px  
4px 4px #340459; box-shadow:4px 4px 4px  
4px #340459 }
```

Background

The CSS property to change the background color of an element to Hex 340459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#340459 }
```

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

```
.background{ background-color:#340459 }
```

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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