

Converting Colors

Hex(340073)

Have a look what the booklet for
Hex(340073) contains.

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Color

Hex(340073)

Conversions

Conversions Part 1

Format	Color
Hex	340073
RGB	52, 0, 115
RGB Percent	20%, 0%, 45%
CMY	0.7961, 1.0000, 0.5490
CMYK	0.55, 1.00, 0.00, 0.55
HSL	267°, 100%, 23%
HSV	267°, 100%, 45%
XYZ	4.5107, 1.9679, 16.3618
YIQ	28.6580, -5.9230, 46.7890

Conversions

Conversions Part 2

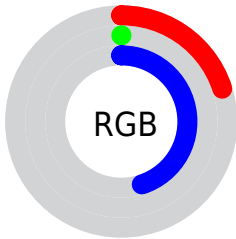
Format	Color
R_{YB}	52, 0, 115
Decimal	3407987
CIE _{Lab}	15.32, 46.03, -52.33
CIE _{LCh}	15, 69.699, 311.336
Yxy	1.9679, 0.1975, 0.0862
Android (android.graphics.Color)	4281598067 (0xFF340073)
YUV	28.6580, 42.5666, 20.4709
Hunter-Lab	14.0281, 32.8470, -59.3337

Details

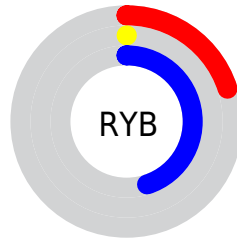
The Hex color **340073** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3F7300**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **6B37A8**, and **000042** is the 20% darker color. If you saturate the color by 10%, you get **340073**, and if you desaturate by 10%, it is **3A0B73**.

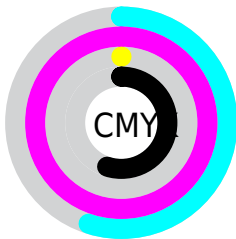
Distribution



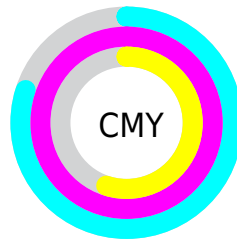
- Red (20%)
- Green (0%)
- Blue (45%)



- Red (20%)
- Yellow (0%)
- Blue (45%)



- Cyan (55%)
- Magenta (100%)
- Yellow (0%)
- Black (55%)



- Cyan (80%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 340073 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 340073 by changing the saturation by 10% instead.

 340073

 340073

 FFF2FF

 15005A

 6B37A8

 000042

 874FC4

 00032A

 A369E0

 000114

 BF83FD

 000000

 DC9EFF

 FAB9FF

 FFD5FF

 340073

■ 3A0B73

■ 411773

■ 472373

■ 4D2E73

■ 543A73

■ 5A4573

■ 605173

■ 665C73

■ 6D6873

Harmonies

Analogous

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



002A8C



340073



680047

Triad

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



340073



481600



003739

Complementary

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



340073



3F7300

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.



003600



340073



1F2B00

Square

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



340073



660000



003200



003869

Rectangle

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



340073



730027



003200



003727

Sweetspot

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



340073



7E6996



003F73



3D314D



CCCCCC



4D4D4D

Same Dimension

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



340073



440096



6D0073



37353B



37007A



7100FA

Inverse Universe

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



73003F



960052



067300



3B3538



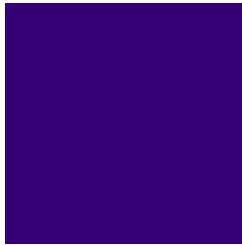
7A0043



FA0089

Previews

White Background



This preview shows how the Hex color 340073 looks on a white background.

Color Contrast Check

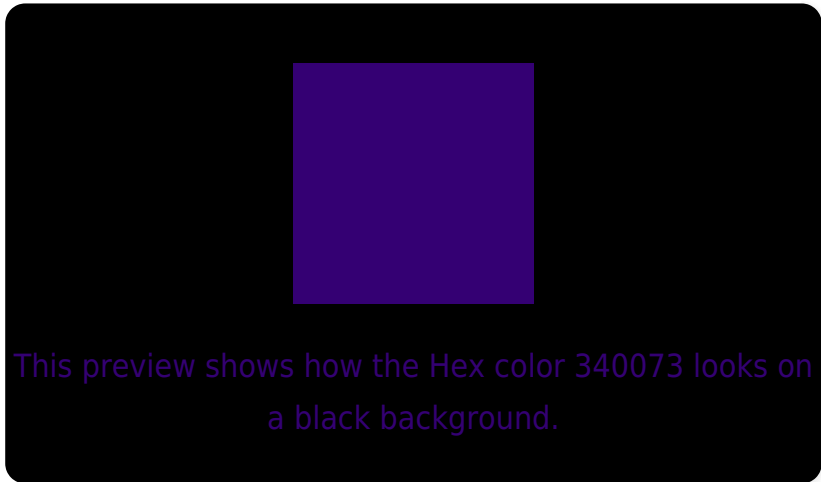
Large Text (above 18pt) WCAG AA ✓ Pass

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

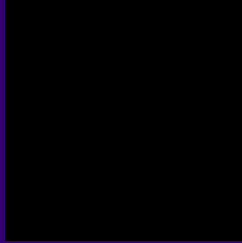
Any Text WCAG AA × Fail

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 340073 Background



This preview shows how black text looks on a background with the Hex color 340073.



This preview shows how white text looks on a background with the Hex color 340073.

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

340073

Protanopia

002956

Deuteranopia

002C49



Tritanopia
1D2D30

Trichromacy



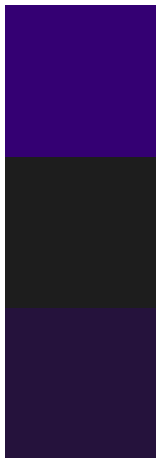
Original Color
340073

Protanomaly
131A61

Deuteranomaly
131C58

Tritanomaly
251D48

Monochromacy



Original Color
340073

Achromatopsia
1D1D1D

Achromatomaly
25123C

CSS Examples

Text

The CSS property to change the color of the text to Hex 340073 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 #340073 looks like.

```
.text, #text, p{  
    color:#340073  
}
```

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 #340073 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #340073
}
```

Border

The CSS property to change the border of an element to Hex 340073 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
#340073 }
```

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

```
.border{ border-color:#340073 }
```

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

Here you see how a box with a 4 pixel #340073 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #340073; -webkit-box-shadow:4px 4px  
4px 4px #340073; box-shadow:4px 4px 4px  
4px #340073 }
```

Background

The CSS property to change the background color of an element to Hex 340073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#340073 }
```

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

```
.background{ background-color:#340073 }
```

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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