

Converting Colors

Hex(340327)

Have a look what the booklet for
Hex(340327) contains.

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Color

Hex(340327)

Conversions

Conversions Part 1

Format	Color
Hex	340327
RGB	52, 3, 39
RGB Percent	20%, 1%, 15%
CMY	0.7961, 0.9882, 0.8471
CMYK	0.00, 0.94, 0.25, 0.80
HSL	316°, 89%, 11%
HSV	316°, 94%, 20%
XYZ	1.8149, 0.9417, 2.0056
YIQ	21.7550, 17.6480, 21.5840

Conversions

Conversions Part 2

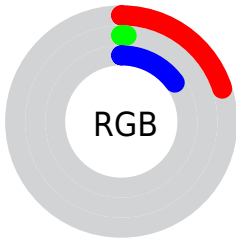
Format	Color
R_{YB}	52, 3, 39
Decimal	3408679
CIE Lab	8.50, 28.06, -10.58
CIE LCh	8, 29.988, 339.331
Yxy	0.9417, 0.3811, 0.1977
Android (android.graphics.Color)	4281598759 (0xFF340327)
YUV	21.7550, 8.5018, 26.5249
Hunter-Lab	9.7040, 16.4031, -5.4609




Details

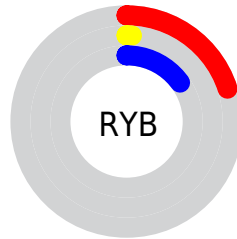
The Hex color **340327** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **033410**, and the grayscale version is **161616**.


A 20% lighter version of the original color is **653254**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **340026**, and if you desaturate by 10%, it is **340828**.

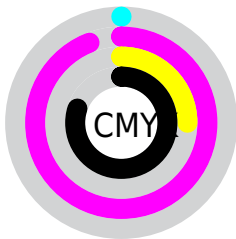
Distribution







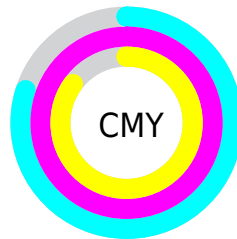
-  Red (20%)
-  Green (1%)
-  Blue (15%)






-  Red (20%)
-  Yellow (1%)
-  Blue (15%)



-  Cyan (0%)
-  Magenta (94%)
-  Yellow (25%)
-  Black (80%)



-  Cyan (80%)
-  Magenta (99%)
-  Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 340327 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 340327 by changing the saturation by 10% instead.

 340327

 340327

 FFE8FF

 200012

 653254

 000000

 7F496C

 996286

 B57BA0

 D195BB

 EDB0D7

 FFCCF3

 340327

 340327

■ 340026

■ 340828

■ 340D2A

■ 34132B

■ 34182D

■ 341D2E

■ 34222F

■ 342731

■ 342D32

■ 343233

Harmonies

Analogous

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



201038



340327



3A0013

Triad

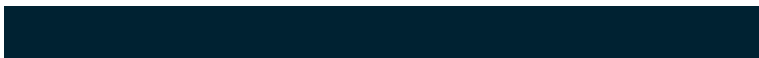
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



340327



1B1A00



002232

Complementary

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



340327



033410

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.



00231E



340327



001F00

Square

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



340327



2B1200



002204



001F3E

Rectangle

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



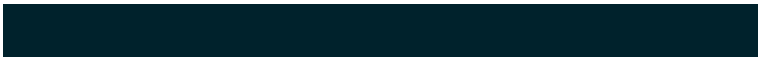
340327



3A0300



002204



00222C

Sweetspot

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



340327



453240



0F0334



241820



A3A3A3



242424

Same Dimension

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



340327



450033



34030F



1A1719



590042



D9009F

Inverse Universe

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



340327



450033



033428



1A1719



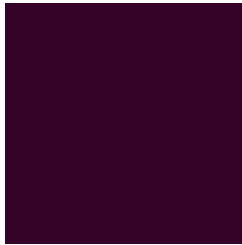
590042



D9009F

Previews

White Background



This preview shows how the Hex color 340327 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

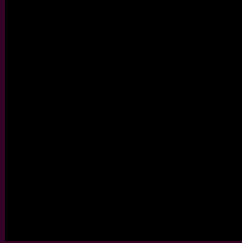
Any Text WCAG AA × Fail

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 340327 Background



This preview shows how black text looks on a background with the Hex color 340327.



This preview shows how white text looks on a background with the Hex color 340327.

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
340327

Protanopia
0B1B37

Deuteranopia
1B1C25



Tritanopia
321010

Trichromacy



Original Color
340327

Protanomaly
1A1231

Deuteranomaly
241326

Tritanomaly
330B18

Monochromacy



Original Color
340327

Achromatopsia
161616

Achromatomaly
210F1C

CSS Examples

Text

The CSS property to change the color of the text to Hex 340327 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 #340327 looks like.

```
.text, #text, p{  
    color:#340327  
}
```

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 #340327 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #340327
}
```

Border

The CSS property to change the border of an element to Hex 340327 is called "border". The border property can be set on classes, ids or directly on the HTML element.

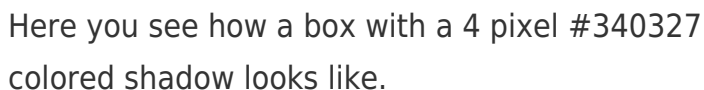
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#340327 }
```

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

```
.border{ border-color:#340327 }
```

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



Here you see how a box with a 4 pixel #340327 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #340327; -webkit-box-shadow:4px 4px  
4px 4px #340327; box-shadow:4px 4px 4px  
4px #340327 }
```

Background

The CSS property to change the background color of an element to Hex 340327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#340327 }
```

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

```
.background{ background-color:#340327 }
```

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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