

Converting Colors

Hex(340066)

Have a look what the booklet for
Hex(340066) contains.

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Color

Hex(340066)

Conversions

Conversions Part 1

Format	Color
Hex	340066
RGB	52, 0, 102
RGB Percent	20%, 0%, 40%
CMY	0.7961, 1.0000, 0.6000
CMYK	0.49, 1.00, 0.00, 0.60
HSL	271°, 100%, 20%
HSV	271°, 100%, 40%
XYZ	3.8144, 1.6894, 12.6954
YIQ	27.1760, -1.7500, 42.7460

Conversions

Conversions Part 2

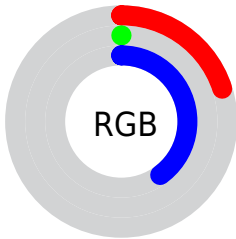
Format	Color
R_{YB}	52, 0, 102
Decimal	3407974
CIE _{Lab}	13.76, 42.89, -46.39
CIE _{LCh}	14, 63.178, 312.756
Yxy	1.6894, 0.2096, 0.0928
Android (android.graphics.Color)	4281598054 (0xFF340066)
YUV	27.1760, 36.8882, 21.7706
Hunter-Lab	12.9976, 29.6392, -48.8133

Details

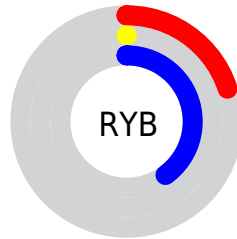
The Hex color **340066** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **326600**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **69359A**, and **000036** is the 20% darker color. If you saturate the color by 10%, you get **340066**, and if you desaturate by 10%, it is **390A66**.

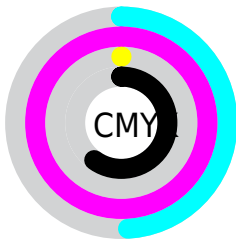
Distribution



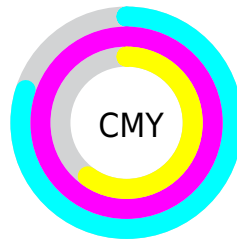
- Red (20%)
- Green (0%)
- Blue (40%)



- Red (20%)
- Yellow (0%)
- Blue (40%)



- Cyan (49%)
- Magenta (100%)
- Yellow (0%)
- Black (60%)



- Cyan (80%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 340066 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 340066 by changing the saturation by 10% instead.

 340066

 340066

 FFF0FF

 19004D

 69359A

 000036

 844EB5

 00021F

 A067D1

 000003

 BC81EE

 000000

 D99CFF

 F6B7FF

 FFD3FF

 340066

■ 390A66

■ 3E1466

■ 431F66

■ 482966

■ 4D3366

■ 523D66

■ 574766

■ 5C5266

■ 615C66

Harmonies

Analogous

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



00257D



340066



60003E

Triad

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



340066



411600



003336

Complementary

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



340066



326600

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.



003201



340066



1B2700

Square

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



340066



5B0000



002E00



003360

Rectangle

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



340066



680022



002E00



003326

Sweetspot

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



340066



715D85



003366



372A42



C2C2C2



424242

Same Dimension

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



340066



440085



660066



312E33



3A0073



7B00F2

Inverse Universe

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



660032



850041



006600



332E30



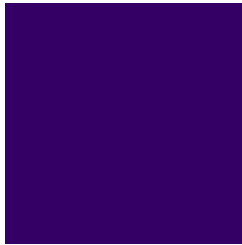
730038



F20077

Previews

White Background



This preview shows how the Hex color 340066 looks on a white background.

Color Contrast Check

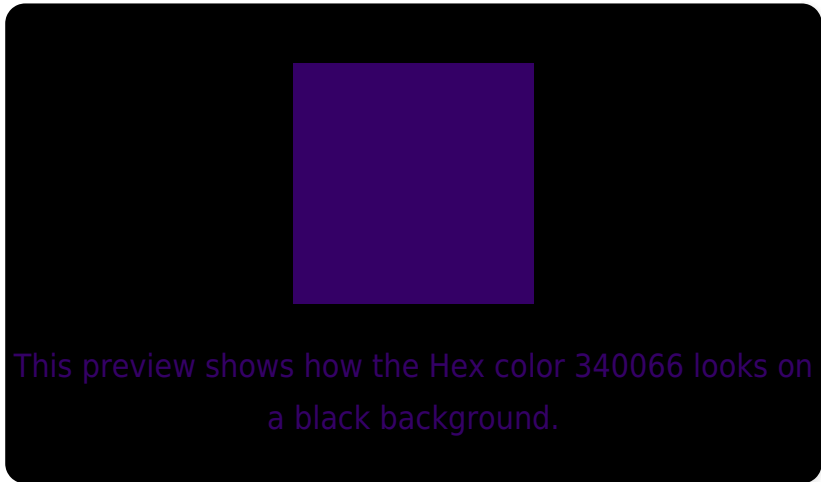
Large Text (above 18pt) WCAG AA ✓ Pass

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

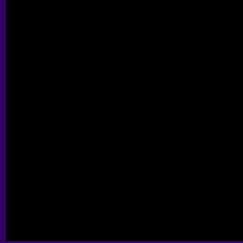
Any Text WCAG AA × Fail

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 340066 Background



This preview shows how black text looks on a background with the Hex color 340066.



This preview shows how white text looks on a background with the Hex color 340066.

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
340066

Protanopia
002650

Deuteranopia
002844



Tritanopia
24282B

Trichromacy



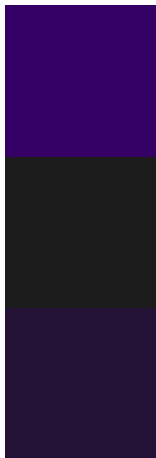
Original Color
340066

Protanomaly
131858

Deuteranomaly
131950

Tritanomaly
2A1940

Monochromacy



Original Color
340066

Achromatopsia
1B1B1B

Achromatomaly
241136

CSS Examples

Text

The CSS property to change the color of the text to Hex 340066 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 #340066 looks like.

```
.text, #text, p{  
    color:#340066  
}
```

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 #340066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #340066
}
```

Border

The CSS property to change the border of an element to Hex 340066 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".

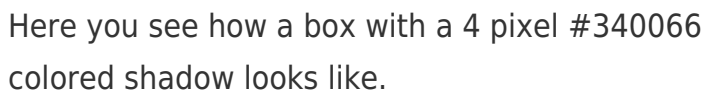
```
.border, #border, table{ border:4px solid
#340066 }
```

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

```
.border{ border-color:#340066 }
```

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

Here you see how a box with a 4 pixel #340066 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #340066; -webkit-box-shadow:4px 4px  
4px 4px #340066; box-shadow:4px 4px 4px  
4px #340066 }
```

Background

The CSS property to change the background color of an element to Hex 340066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#340066 }
```

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

```
.background{ background-color:#340066 }
```

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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