

Converting Colors

Hex(340094)

Have a look what the booklet for
Hex(340094) contains.

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Color

Hex(340094)

Conversions

Conversions Part 1

Format	Color
Hex	340094
RGB	52, 0, 148
RGB Percent	20%, 0%, 58%
CMY	0.7961, 1.0000, 0.4196
CMYK	0.65, 1.00, 0.00, 0.42
HSL	261°, 100%, 29%
HSV	261°, 100%, 58%
XYZ	6.7615, 2.8682, 28.2142
YIQ	32.4200, -16.5160, 57.0520

Conversions

Conversions Part 2

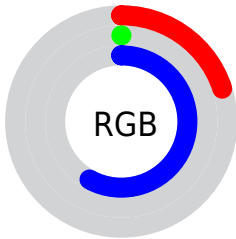
Format	Color
R_{YB}	52, 0, 148
Decimal	3408020
CIE _{Lab}	19.51, 54.12, -66.29
CIE _{LCh}	20, 85.575, 309.232
Yxy	2.8682, 0.1787, 0.0758
Android (android.graphics.Color)	4281598100 (0xFF340094)
YUV	32.4200, 56.9809, 17.1717
Hunter-Lab	16.9357, 41.6274, -86.9198

Details

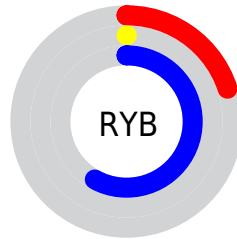
The Hex color **340094** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **609400**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **713BCB**, and **000060** is the 20% darker color. If you saturate the color by 10%, you get **340094**, and if you desaturate by 10%, it is **3E0F94**.

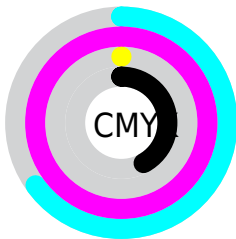
Distribution



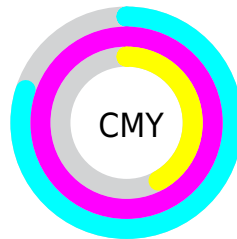
- Red (20%)
- Green (0%)
- Blue (58%)



- Red (20%)
- Yellow (0%)
- Blue (58%)



- Cyan (65%)
- Magenta (100%)
- Yellow (0%)
- Black (42%)



- Cyan (80%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 340094 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 340094 by changing the saturation by 10% instead.

 340094

 340094

 FFF9FF

 050079

 713BCB

 000060

 8E54E8

 000147

 AB6EFF

 00042F

 C989FF

 00011A

 E7A4FF

 000000

 FFC0FF

 FFD0FF

 340094

■ 3E0F94

■ 471E94

■ 512C94

■ 5A3B94

■ 644A94

■ 6E5994

■ 776894

■ 817694

■ 8A8594

Harmonies

Analogous

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



0036B1



340094



80005D

Triad

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



340094



5C1700



004342

Complementary

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



340094



609400

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.



004100



340094



293400

Square

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



340094



800000



003D00



004480

Rectangle

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



340094



8F0034



003D00



00422C

Sweetspot

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



340094



9A86BF



006094



4A3E61



E0E0E0



616161

Same Dimension

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



340094



4300BF



7E0094



45434A



30008A



04000A

Inverse Universe

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



940060



BF007C



169400



4A4347



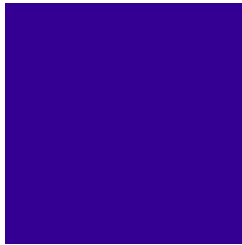
8A0059



0A0007

Previews

White Background



This preview shows how the Hex color 340094 looks on a white background.

Color Contrast Check

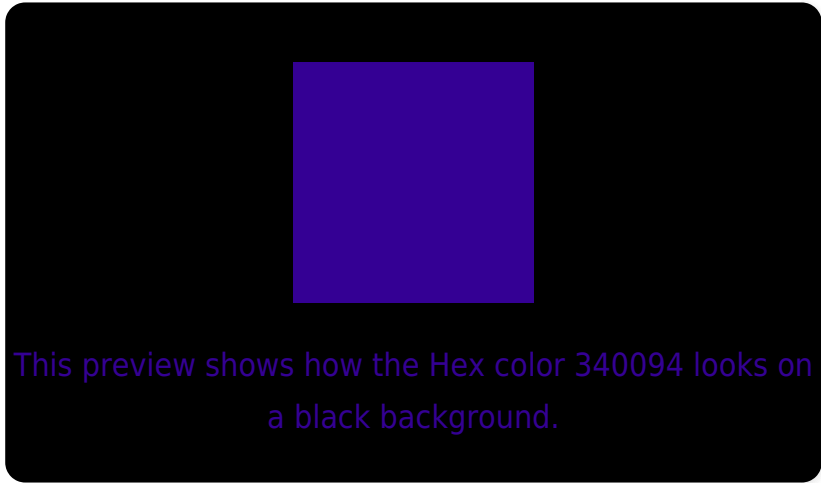
Large Text (above 18pt) WCAG AA ✓ Pass

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

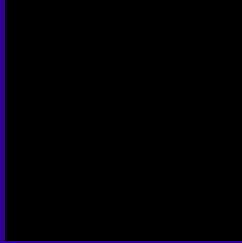
Any Text WCAG AA × Fail

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 340094 Background



This preview shows how black text looks on a background with the Hex color 340094.



This preview shows how white text looks on a background with the Hex color 340094.

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

340094

Protanopia

003167

Deuteranopia

003457



Tritanopia
00383C

Trichromacy



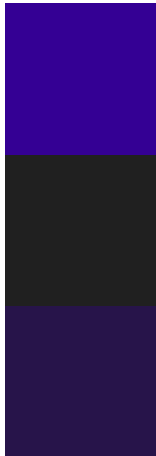
Original Color
340094

Protanomaly
131F77

Deuteranomaly
13216D

Tritanomaly
13245C

Monochromacy



Original Color
340094

Achromatopsia
202020

Achromatomaly
27144A

CSS Examples

Text

The CSS property to change the color of the text to Hex 340094 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 #340094 looks like.

```
.text, #text, p{  
    color:#340094  
}
```

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 #340094 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #340094
}
```

Border

The CSS property to change the border of an element to Hex 340094 is called "border". The border property can be set on classes, ids or directly on the HTML element.

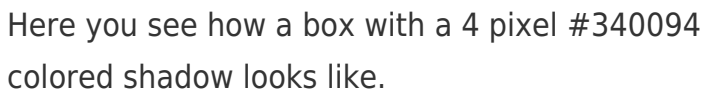
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#340094 }
```

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

```
.border{ border-color:#340094 }
```

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



Here you see how a box with a 4 pixel #340094 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #340094; -webkit-box-shadow:4px 4px  
4px 4px #340094; box-shadow:4px 4px 4px  
4px #340094 }
```

Background

The CSS property to change the background color of an element to Hex 340094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#340094 }
```

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

```
.background{ background-color:#340094 }
```

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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