

Converting Colors

Hex(340E94)

Have a look what the booklet for
Hex(340E94) contains.

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Color

Hex(340E94)

Conversions

Conversions Part 1

Format	Color
Hex	340E94
RGB	52, 14, 148
RGB Percent	20%, 5%, 58%
CMY	0.7961, 0.9451, 0.4196
CMYK	0.65, 0.91, 0.00, 0.42
HSL	257°, 83%, 32%
HSV	257°, 91%, 58%
XYZ	6.9185, 3.1823, 28.2666
YIQ	40.6380, -20.3660, 49.7300

Conversions

Conversions Part 2

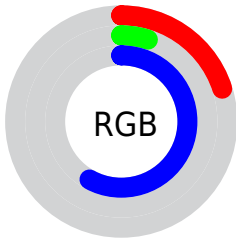
Format	Color
R_{YB}	52, 14, 148
Decimal	3411604
CIE _{Lab}	20.76, 50.32, -64.21
CIE _{LCh}	21, 81.576, 308.087
Yxy	3.1823, 0.1803, 0.0829
Android (android.graphics.Color)	4281601684 (0xFF340E94)
YUV	40.6380, 52.9295, 9.9645
Hunter-Lab	17.8389, 38.0101, -81.4606




Details

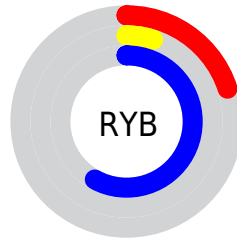
The Hex color **340E94** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **6E940E**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **7042CB**, and **000060** is the 20% darker color. If you saturate the color by 10%, you get **2A0094**, and if you desaturate by 10%, it is **3F1D94**.

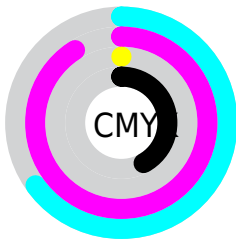
Distribution







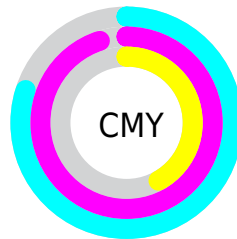
-  Red (20%)
-  Green (5%)
-  Blue (58%)






-  Red (20%)
-  Yellow (5%)
-  Blue (58%)



-  Cyan (65%)
-  Magenta (91%)
-  Yellow (0%)
-  Black (42%)



-  Cyan (80%)
-  Magenta (95%)
-  Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 340E94 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 340E94 by changing the saturation by 10% instead.

■ 340E94

■ 340E94

FFFFFF

■ 070079

■ 7042CB

■ 000060

■ 8D5BE8

■ 000047

■ AA75FF

■ 00042F

■ C890FF

■ 00011A

■ E5ABFF

■ 000000

■ FFC7FF

■ FFE3FF

■ 340E94

■ 340E94

■ 2A0094

■ 3F1D94

■ 492C94

■ 543A94

■ 5E4994

■ 695894

■ 746794

■ 7E7694

■ 898494

■ 939394

Harmonies

Analogous

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



0039AF



340E94



7F0060

Triad

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



340E94



601A00



004542

Complementary

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



340E94



6E940E

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.



004300



340E94



303600

Square

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



340E94



820000



003F00



00467D

Rectangle

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



340E94



8E0039



003F00



00452D

Sweetspot

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



340E94



9A8CBF



0E6E94



4B4261



E0E0E0



616161

Same Dimension

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



340E94



3600BF



770E94



45434A



27008A



03000A

Inverse Universe

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



940E6E



BF0089



2B940E



4A4348



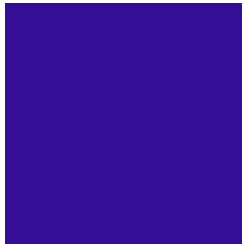
8A0063



0A0007

Previews

White Background



This preview shows how the Hex color 340E94 looks on a white background.

Color Contrast Check

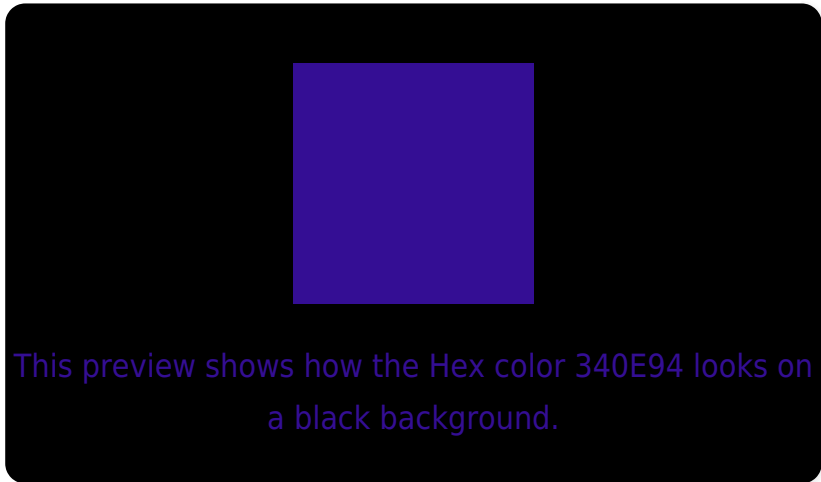
Large Text (above 18pt) WCAG AA ✓ Pass

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

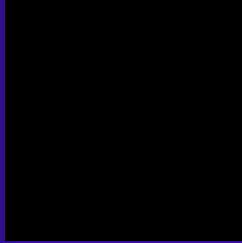
Any Text WCAG AA × Fail

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 340E94 Background



This preview shows how black text looks on a background with the Hex color 340E94.



This preview shows how white text looks on a background with the Hex color 340E94.

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
340E94

Protanopia
003269

Deuteranopia
003559



Tritanopia
00393D

Trichromacy



Original Color
340E94

Protanomaly
132579

Deuteranomaly
13276E

Tritanomaly
13295D

Monochromacy



Original Color
340E94

Achromatopsia
292929

Achromatomaly
2D1F50

CSS Examples

Text

The CSS property to change the color of the text to Hex 340E94 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 #340E94 looks like.

```
.text, #text, p{  
    color:#340E94  
}
```

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 #340E94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #340E94
}
```

Border

The CSS property to change the border of an element to Hex 340E94 is called "border". The border property can be set on classes, ids or directly on the HTML element.

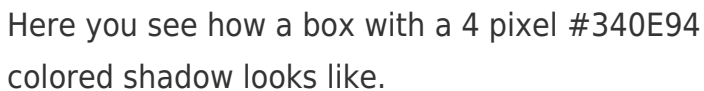
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#340E94 }
```

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

```
.border{ border-color:#340E94 }
```

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



Here you see how a box with a 4 pixel #340E94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #340E94; -webkit-box-shadow:4px 4px  
4px 4px #340E94; box-shadow:4px 4px 4px  
4px #340E94 }
```

Background

The CSS property to change the background color of an element to Hex 340E94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#340E94 }
```

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

```
.background{ background-color:#340E94 }
```

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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