

Converting Colors

Hex(340B4A)

Have a look what the booklet for
Hex(340B4A) contains.

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Color

Hex(340B4A)

Conversions

Conversions Part 1

Format	Color
Hex	340B4A
RGB	52, 11, 74
RGB Percent	20%, 4%, 29%
CMY	0.7961, 0.9569, 0.7098
CMYK	0.30, 0.85, 0.00, 0.71
HSL	279°, 74%, 17%
HSV	279°, 85%, 29%
XYZ	2.7719, 1.4638, 6.6150
YIQ	30.4410, 4.2130, 28.2850

Conversions

Conversions Part 2

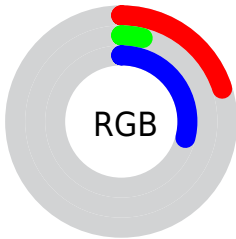
Format	Color
R_{YB}	52, 11, 74
Decimal	3410762
CIE _{Lab}	12.38, 31.59, -29.70
CIE _{LCh}	12, 43.360, 316.769
Yxy	1.4638, 0.2555, 0.1349
Android (android.graphics.Color)	4281600842 (0xFF340B4A)
YUV	30.4410, 21.4746, 18.9072
Hunter-Lab	12.0988, 19.7218, -23.9475

Details

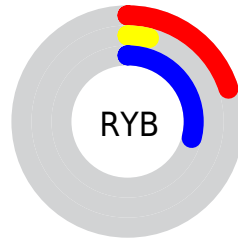
The Hex color **340B4A** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **214A0B**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **653A7B**, and **00021D** is the 20% darker color. If you saturate the color by 10%, you get **31044A**, and if you desaturate by 10%, it is **37124A**.

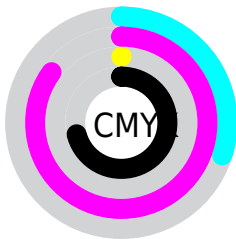
Distribution



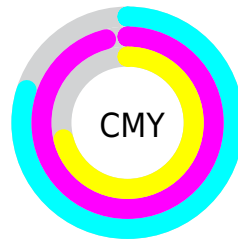
- Red (20%)
- Green (4%)
- Blue (29%)



- Red (20%)
- Yellow (4%)
- Blue (29%)



- Cyan (30%)
- Magenta (85%)
- Yellow (0%)
- Black (71%)



- Cyan (80%)
- Magenta (96%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 340B4A 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 340B4A by changing the saturation by 10% instead.

 340B4A

 340B4A

 FFF3FF

 1F0033

 653A7B

 00021D

 7F5295

 000000

 9A6BB0

 B584CC

 D19FE8

 EEBAFF

 FFD6FF

 340B4A

 340B4A

■ 31044A

■ 37124A

■ 30004A

■ 391A4A

■ 3C214A

■ 3E294A

■ 41304A

■ 44374A

■ 463F4A

■ 49464A

■ 4B4E4A

Harmonies

Analogous

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



001F5B



340B4A



4D002F

Triad

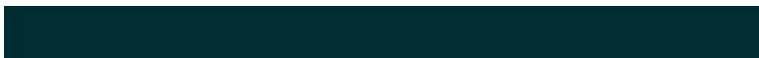
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



340B4A



341A00



002D31

Complementary

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



340B4A



214A0B

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.



002C11



340B4A



1A2400

Square

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



340B4A



480500



002900



002C4C

Rectangle

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



340B4A



51001B



002900



002D27

Sweetspot

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



340B4A



584861



0B214A



2B2130



B0B0B0



303030

Same Dimension

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



340B4A



3F0061



4A0B41



252226



420066



9500E6

Inverse Universe

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



4A0B21



610022



0B4A14



262224



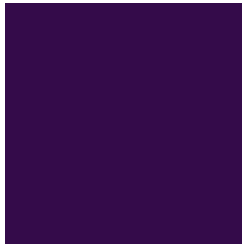
660024



E60050

Previews

White Background



This preview shows how the Hex color 340B4A looks on a white background.

Color Contrast Check

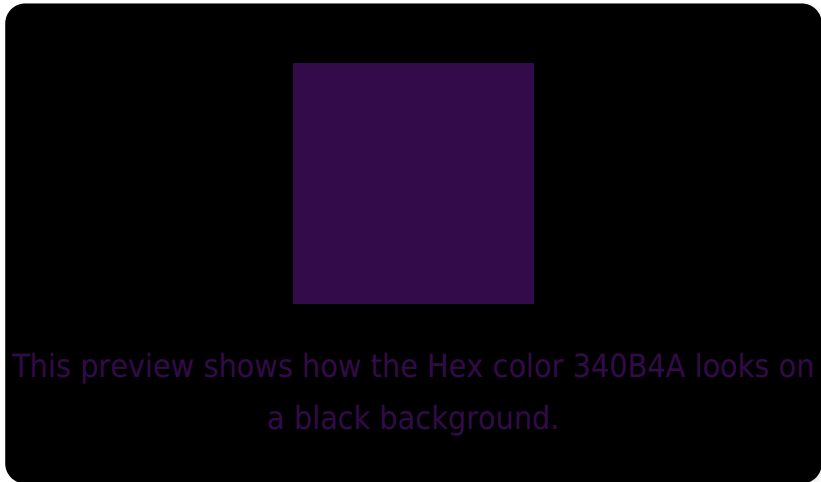
Large Text (above 18pt) WCAG AA ✓ Pass

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

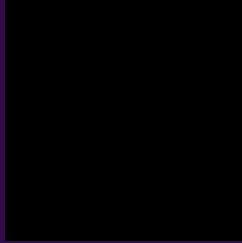
Any Text WCAG AA × Fail

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 340B4A Background



This preview shows how black text looks on a background with the Hex color 340B4A.



This preview shows how white text looks on a background with the Hex color 340B4A.

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
340B4A

Protanopia
002146

Deuteranopia
00233D



Tritanopia
2D1E21

Trichromacy



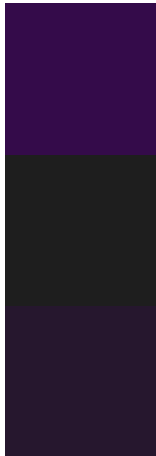
Original Color
340B4A

Protanomaly
131947

Deuteranomaly
131A42

Tritanomaly
301730

Monochromacy



Original Color
340B4A

Achromatopsia
1E1E1E

Achromatomaly
26172E

CSS Examples

Text

The CSS property to change the color of the text to Hex 340B4A 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 #340B4A looks like.

```
.text, #text, p{  
    color:#340B4A  
}
```

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 #340B4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #340B4A
}
```

Border

The CSS property to change the border of an element to Hex 340B4A 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".

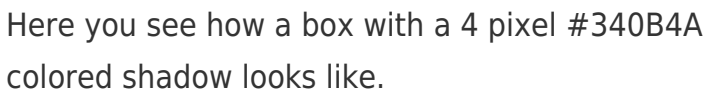
```
.border, #border, table{ border:4px solid
#340B4A }
```

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

```
.border{ border-color:#340B4A }
```

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

Here you see how a box with a 4 pixel #340B4A colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #340B4A; -webkit-box-shadow:4px 4px  
4px 4px #340B4A; box-shadow:4px 4px 4px  
4px #340B4A }
```

Background

The CSS property to change the background color of an element to Hex 340B4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#340B4A }
```

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

```
.background{ background-color:#340B4A }
```

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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