

Converting Colors

Hex(342F99)

Have a look what the booklet for
Hex(342F99) contains.

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Color

Hex(342F99)

Conversions

Conversions Part 1

Format	Color
Hex	342F99
RGB	52, 47, 153
RGB Percent	20%, 18%, 60%
CMY	0.7961, 0.8157, 0.4000
CMYK	0.66, 0.69, 0.00, 0.40
HSL	243°, 53%, 39%
HSV	243°, 69%, 60%
XYZ	8.1825, 5.0630, 30.6830
YIQ	60.5790, -31.0460, 34.0260

Conversions

Conversions Part 2

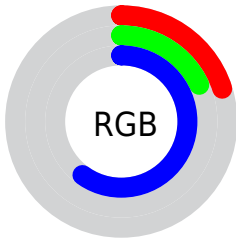
Format	Color
R_{YB}	52, 47, 153
Decimal	3420057
CIE _{Lab}	26.91, 35.80, -57.13
CIE _{LCh}	27, 67.425, 302.074
Yxy	5.0630, 0.1863, 0.1153
Android (android.graphics.Color)	4281610137 (0xFF342F99)
YUV	60.5790, 45.5636, -7.5238
Hunter-Lab	22.5011, 25.5340, -65.0983




Details

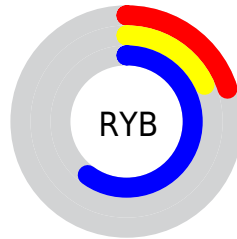
The Hex color **342F99** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **94992F**, and the grayscale version is **3C3C3C**.




A 20% lighter version of the original color is **6F5ED0**, and **000565** is the 20% darker color. If you saturate the color by 10%, you get **252099**, and if you desaturate by 10%, it is **433E99**.

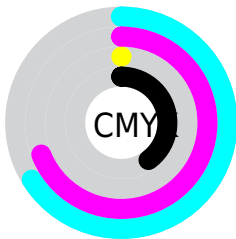
Distribution







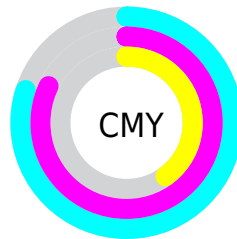
-  Red (20%)
-  Green (18%)
-  Blue (60%)






-  Red (20%)
-  Yellow (18%)
-  Blue (60%)



-  Cyan (66%)
-  Magenta (69%)
-  Yellow (0%)
-  Black (40%)



-  Cyan (80%)
-  Magenta (82%)
-  Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342F99 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 342F99 by changing the saturation by 10% instead.

 342F99

 342F99

FFFFFF

 09197E

 6F5ED0

 000565

 8C77ED

 00004C

 A891FF

 000434

 C5ACFF

 00021E

 E3C7FF

 000000

 FFE3FF

 342F99

 342F99

 252099

 433E99

■ 171099

■ 514E99

■ 080199

■ 605D99

■ 070099

■ 6E6C99

■ 7D7C99

■ 8B8B99

■ 9A9A99

■ A9A999

■ B7B999

Harmonies

Analogous

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



0047A9



342F99



7C0071

Triad

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



342F99



732700



005342

Complementary

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



342F99



94992F

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.



005005



342F99



4C3F00

Square

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



342F99



8D000C



0D4B00



005376

Rectangle

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



342F99



8F0050



0D4B00



005230

Sweetspot

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



342F99



9F9DC7



2F9599



4C4B63



E3E3E3



636363

Same Dimension

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



342F99



2A22C7



682F99



45454D



07008C



01000D

Inverse Universe

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



992F94



C722BF



60992F



4D454C



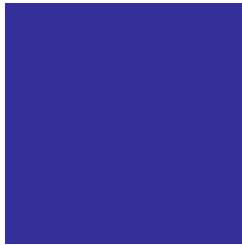
8C0086



0D000C

Previews

White Background



This preview shows how the Hex color 342F99 looks on a white background.

Color Contrast Check

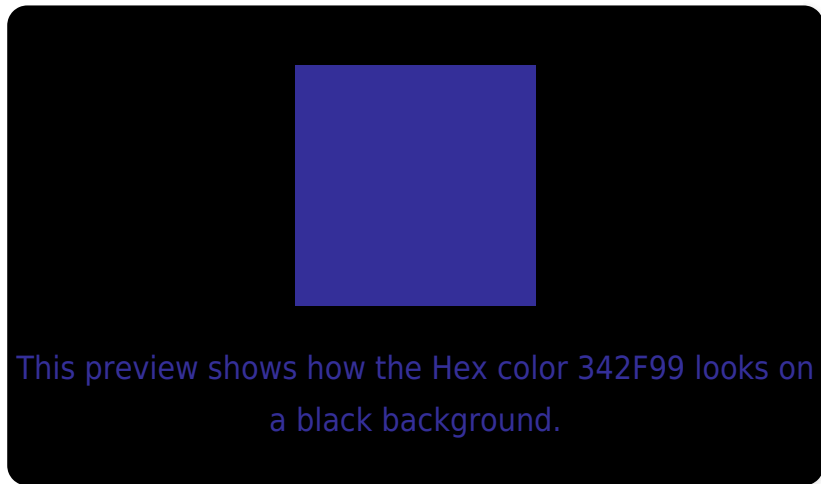
Large Text (above 18pt) WCAG AA ✓ Pass

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

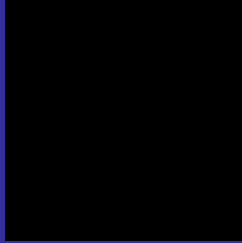
Any Text WCAG AA × Fail

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 342F99 Background



This preview shows how black text looks on a background with the Hex color 342F99.

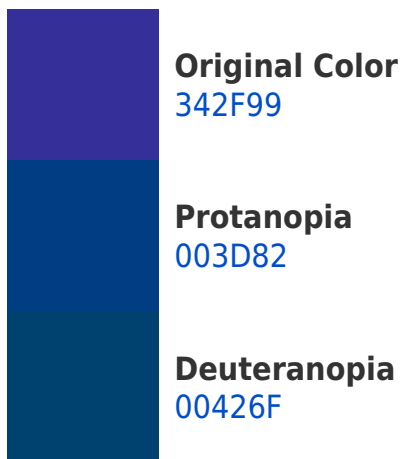


This preview shows how white text looks on a background with the Hex color 342F99.

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





Tritanopia
00474C

Trichromacy



Original Color
342F99

Protanomaly
13388A

Deuteranomaly
133B7E

Tritanomaly
133E68

Monochromacy



Original Color
342F99

Achromatopsia
3D3D3D

Achromatomaly
3A385E

CSS Examples

Text

The CSS property to change the color of the text to Hex 342F99 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 #342F99 looks like.

```
.text, #text, p{  
    color:#342F99  
}
```

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 #342F99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342F99
}
```

Border

The CSS property to change the border of an element to Hex 342F99 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".

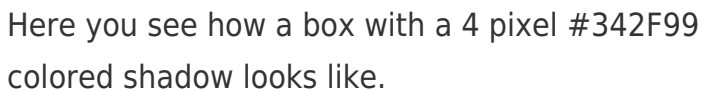
```
.border, #border, table{ border:4px solid
#342F99 }
```

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

```
.border{ border-color:#342F99 }
```

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

Here you see how a box with a 4 pixel #342F99 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342F99; -webkit-box-shadow:4px 4px  
4px 4px #342F99; box-shadow:4px 4px 4px  
4px #342F99 }
```

Background

The CSS property to change the background color of an element to Hex 342F99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342F99 }
```

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

```
.background{ background-color:#342F99 }
```

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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