

Converting Colors

Hex(342AE1)

Have a look what the booklet for
Hex(342AE1) contains.

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Color

Hex(342AE1)

Conversions

Conversions Part 1

Format	Color
Hex	342AE1
RGB	52, 42, 225
RGB Percent	20%, 16%, 88%
CMY	0.7961, 0.8353, 0.1176
CMYK	0.77, 0.81, 0.00, 0.12
HSL	243°, 75%, 52%
HSV	243°, 81%, 88%
XYZ	15.8347, 7.8222, 71.9094
YIQ	65.8520, -52.7830, 59.0330

Conversions

Conversions Part 2

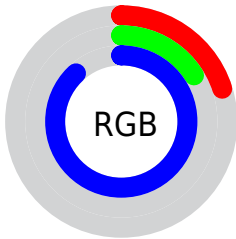
Format	Color
RYB	52, 42, 225
Decimal	3418849
CIELab	33.61, 61.29, -88.64
CIElCh	34, 107.761, 304.662
Yxy	7.8222, 0.1657, 0.0819
Android (android.graphics.Color)	4281608929 (0xFF342AE1)
YUV	65.8520, 78.4600, -12.1482
Hunter-Lab	27.9683, 52.1166, -132.8632

Details


The Hex color **342AE1** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **D7E12A**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **7F5DFF**, and **0000A8** is the 20% darker color. If you saturate the color by 10%, you get **1F14E1**, and if you desaturate by 10%, it is **4941E1**.

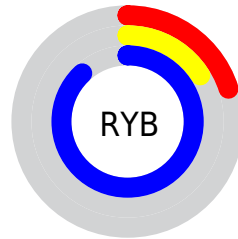
Distribution




 Red (20%)

 Green (16%)

 Blue (88%)




 Red (20%)

 Yellow (16%)

 Blue (88%)

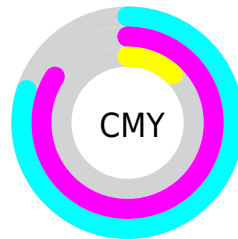



 Cyan (77%)

 Magenta (81%)

 Yellow (0%)

 Black (12%)



 Cyan (80%)

 Magenta (84%)

 Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342AE1 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 342AE1 by changing the saturation by 10% instead.

■ 342AE1

■ 342AE1

FFFFFF

■ 000EC4

■ 7F5DFF

■ 0000A8

■ A077FF

■ 00008D

■ C092FF

■ 000072

■ DFADFF

■ 000C58

■ FFC9FF

■ 000740

■ FFE5FF

■ 000329

■ 000113

■ 000000

■ 342AE1

■ 342AE1

■ 1F14E1

■ 4941E1

■ 0C00E1

■ 5F57E1

■ 746EE1

■ 8984E1

■ 9E9BE1

■ B4B1E1

■ C9C8E1

■ DEDEE1

■ F3F4E1

Harmonies

Analogous

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



005CFF



342AE1



B6009A

Triad

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



342AE1



982400



00695B

Complementary

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



342AE1



D7E12A

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.



006700



342AE1



565100

Square

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



342AE1



C60000



006100



006CB1

Rectangle

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



342AE1



D10063



006100



00693D

Sweetspot

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



342AE1



C5C2FF



2AD8E1



5D5B80



000000



808080

Same Dimension

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



342AE1



1305FF



8F2AE1



666570



0A00B0



030030

Inverse Universe

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



E12AD7



FF05F1



7CE12A



706570



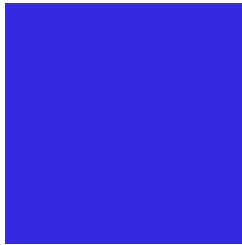
B000A6



30002E

Previews

White Background



This preview shows how the Hex color 342AE1 looks on a white background.

Color Contrast Check

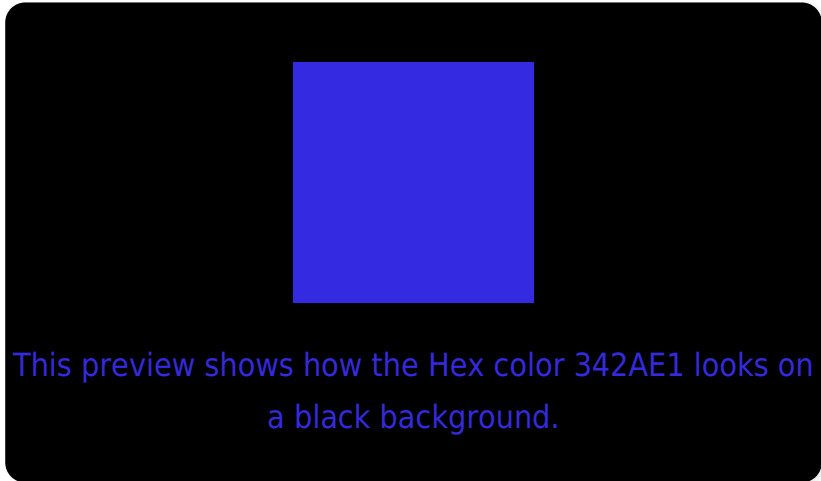
Large Text (above 18pt) WCAG AA ✓ Pass

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

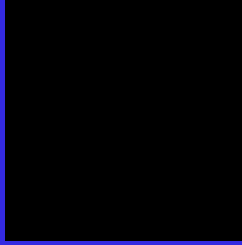
Any Text WCAG AA × Fail

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 342AE1 Background



This preview shows how black text looks on a background with the Hex color 342AE1.



This preview shows how white text looks on a background with the Hex color 342AE1.

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
342AE1

Protanopia
004C9F

Deuteranopia
005187



Tritanopia
00575C

Trichromacy



Original Color
342AE1

Protanomaly
1340B7

Deuteranomaly
1343A8

Tritanomaly
13478C

Monochromacy



Original Color
342AE1

Achromatopsia
424242

Achromatomaly
3D397C

CSS Examples

Text

The CSS property to change the color of the text to Hex 342AE1 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 #342AE1 looks like.

```
.text, #text, p{  
    color:#342AE1  
}
```

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 #342AE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342AE1
}
```

Border

The CSS property to change the border of an element to Hex 342AE1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

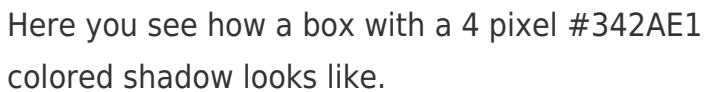
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#342AE1 }
```

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

```
.border{ border-color:#342AE1 }
```

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



Here you see how a box with a 4 pixel #342AE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342AE1; -webkit-box-shadow:4px 4px  
4px 4px #342AE1; box-shadow:4px 4px 4px  
4px #342AE1 }
```

Background

The CSS property to change the background color of an element to Hex 342AE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342AE1 }
```

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

```
.background{ background-color:#342AE1 }
```

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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