

Converting Colors

Hex(3442AB)

Have a look what the booklet for
Hex(3442AB) contains.

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Color

Hex(3442AB)

Conversions

Conversions Part 1

Format	Color
Hex	3442AB
RGB	52, 66, 171
RGB Percent	20%, 26%, 67%
CMY	0.7961, 0.7412, 0.3294
CMYK	0.70, 0.61, 0.00, 0.33
HSL	233°, 53%, 44%
HSV	233°, 70%, 67%
XYZ	10.7151, 7.5668, 39.4239
YIQ	73.7840, -42.0490, 29.6870

Conversions

Conversions Part 2

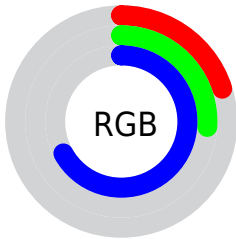
Format	Color
R_{YB}	52, 65, 171
Decimal	3424939
CIE _{Lab}	33.06, 30.06, -57.96
CIE _{LCh}	33, 65.287, 297.413
Yxy	7.5668, 0.1857, 0.1311
Android (android.graphics.Color)	4281615019 (0xFF3442AB)
YUV	73.7840, 47.9275, -19.1046
Hunter-Lab	27.5078, 21.3924, -65.7184

Details

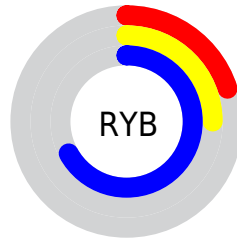
The Hex color **3442AB** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **AB9D34**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **7172E3**, and **001876** is the 20% darker color. If you saturate the color by 10%, you get **2333AB**, and if you desaturate by 10%, it is **4551AB**.

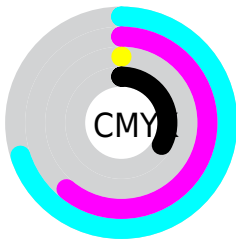
Distribution



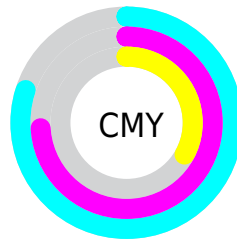
- Red (20%)
- Green (26%)
- Blue (67%)



- Red (20%)
- Yellow (25%)
- Blue (67%)



- Cyan (70%)
- Magenta (61%)
- Yellow (0%)
- Black (33%)



- Cyan (80%)
- Magenta (74%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Hex color 3442AB 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 3442AB by changing the saturation by 10% instead.

 3442AB

 3442AB

FFFFFF

 012C90

 7172E3

 001876

 8E8BFF

 00015C

 ACA6FF

 000744

 C9C1FF

 00032D

 E7DDFF

 000117

 FFF9FF

 000000

 3442AB

 3442AB

 2333AB

 4551AB

■ 1224AB

■ 5660AB

■ 0115AB

■ 676FAB

■ 0014AB

■ 787EAB

■ 898DAB

■ 9B9DAB

■ ACACAB

■ BDBBAB

■ CECAAB

Harmonies

Analogous

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



0056B7



3442AB



851D86

Triad

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



3442AB



8A3200



006248

Complementary

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



3442AB



AB9D34

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.



005F0C



3442AB



644A00

Square

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



3442AB



A10022



315800



00637C

Rectangle

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



3442AB



9C0066



315800



006135

Sweetspot

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



3442AB



AFB5DE



34AB9B



545770



F0F0F0



707070

Same Dimension

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



3442AB



2339DE



6034AB



4E4F57



001296



000317

Inverse Universe

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



AB3442



DE2339



7FAB34



574E4F



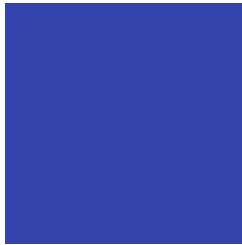
960012



170003

Previews

White Background



This preview shows how the Hex color 3442AB looks on a white background.

Color Contrast Check

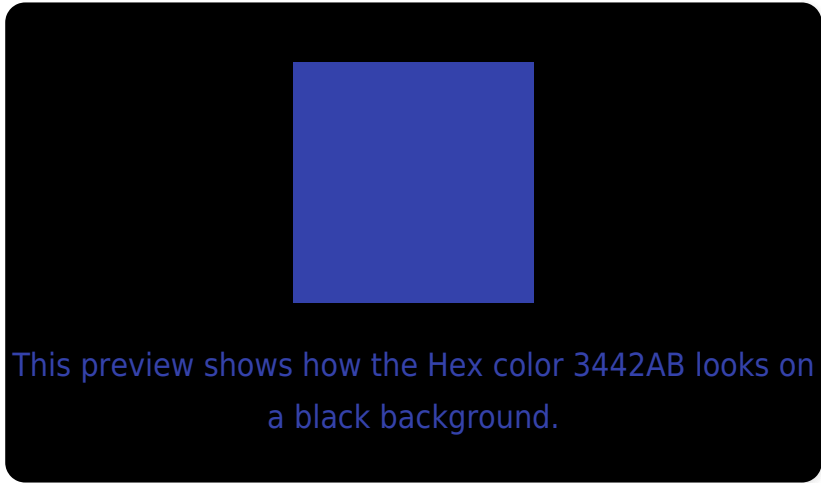
Large Text (above 18pt) WCAG AA ✓ Pass

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

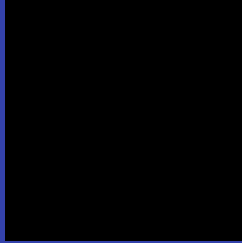
Any Text WCAG AA × Fail

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 3442AB Background



This preview shows how black text looks on a background with the Hex color 3442AB.

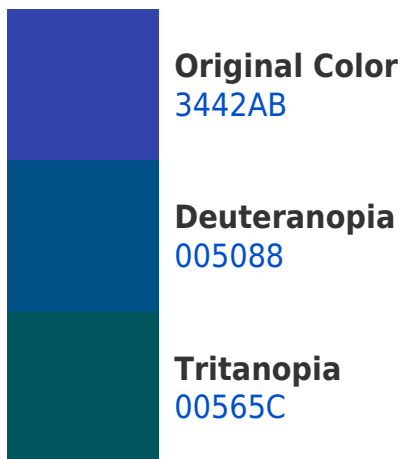


This preview shows how white text looks on a background with the Hex color 3442AB.

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



Trichromacy



Original Color
3442AB

Deuteranomaly
134B95

Tritanomaly
134F79

Monochromacy



Original Color
3442AB

Achromatopsia
4A4A4A

Achromatomaly
42476D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3442AB 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 #3442AB looks like.

```
.text, #text, p{  
    color:#3442AB  
}
```

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 #3442AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3442AB
}
```

Border

The CSS property to change the border of an element to Hex 3442AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

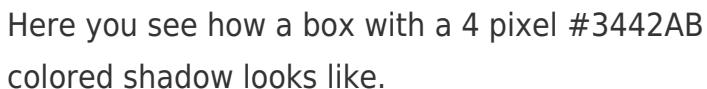
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3442AB }
```

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

```
.border{ border-color:#3442AB }
```

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



Here you see how a box with a 4 pixel #3442AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3442AB; -webkit-box-shadow:4px 4px  
4px 4px #3442AB; box-shadow:4px 4px 4px  
4px #3442AB }
```

Background

The CSS property to change the background color of an element to Hex 3442AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3442AB }
```

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

```
.background{ background-color:#3442AB }
```

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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