

Converting Colors

Hex(3441BA)

Have a look what the booklet for
Hex(3441BA) contains.

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Color

Hex(3441BA)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 3441BA |
| RGB | 52, 65, 186 |
| RGB Percent | 20%, 25%, 73% |
| CMY | 0.7961, 0.7451, 0.2706 |
| CMYK | 0.72, 0.65, 0.00, 0.27 |
| HSL | 234°, 56%, 47% |
| HSV | 234°, 72%, 73% |
| XYZ | 12.1694, 8.0558, 47.3679 |
| YIQ | 74.9070, -46.5890, 34.8750 |

Conversions

Conversions Part 2

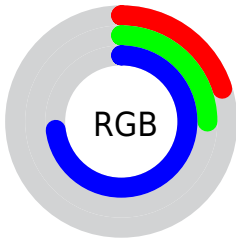
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 52, 64, 186 |
| Decimal | 3424698 |
| CIE Lab | 34.10, 36.06, -65.17 |
| CIE LCh | 34, 74.480, 298.961 |
| Yxy | 8.0558, 0.1800, 0.1192 |
| Android (android.graphics.Color) | 4281614778 (0xFF3441BA) |
| YUV | 74.9070, 54.7688, -20.0894 |
| Hunter-Lab | 28.3828, 26.8637, -79.0808 |

Details

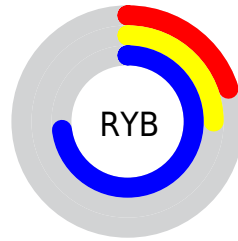
The Hex color **3441BA** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **BAAD34**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **7571F3**, and **001684** is the 20% darker color. If you saturate the color by 10%, you get **2130BA**, and if you desaturate by 10%, it is **4752BA**.

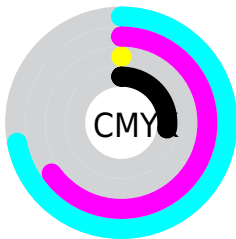
Distribution



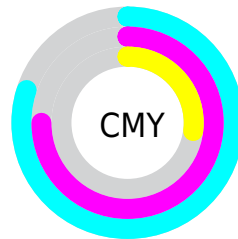
- Red (20%)
- Green (25%)
- Blue (73%)



- Red (20%)
- Yellow (25%)
- Blue (73%)



- Cyan (72%)
- Magenta (65%)
- Yellow (0%)
- Black (27%)



- Cyan (80%)
- Magenta (75%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3441BA 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 3441BA by changing the saturation by 10% instead.

■ 3441BA

■ 3441BA

FFFFFF

■ 002B9E

■ 7571F3

■ 001684

■ 938BFF

■ 00026A

■ B0A5FF

■ 000250

■ CEC0FF

■ 000538

■ ECDCFF

■ 000222

■ FFF9FF

■ 000008

■ 000000

■ 3441BA

■ 3441BA

■ 2130BA

■ 4752BA

■ 0F1FBA

■ 5963BA

■ 0012BA

■ 6C73BA

■ 7E84BA

■ 9195BA

■ A4A6BA

■ B6B7BA

■ C9C7BA

■ DBD8BA

Harmonies

Analogous

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



005AC9



3441BA



91038E

Triad

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



3441BA



913000



00664C

Complementary

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



3441BA



BAAD34

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.



006303



3441BA



654E00

Square

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



3441BA



AC001C



265C00



006789

Rectangle

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



3441BA



AA0069



265C00



006637

Sweetspot

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



3441BA



BDC2F2



34BAAD



5B5E7A



FAFAFA



7A7A7A

Same Dimension

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



3441BA



2236F2



6A34BA



53545C



000F9C



00031C

Inverse Universe

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



BA3441



F22236



84BA34



5C5354



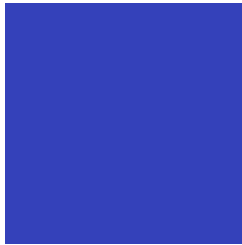
9C000F



1C0003

Previews

White Background



This preview shows how the Hex color 3441BA looks on a white background.

Color Contrast Check

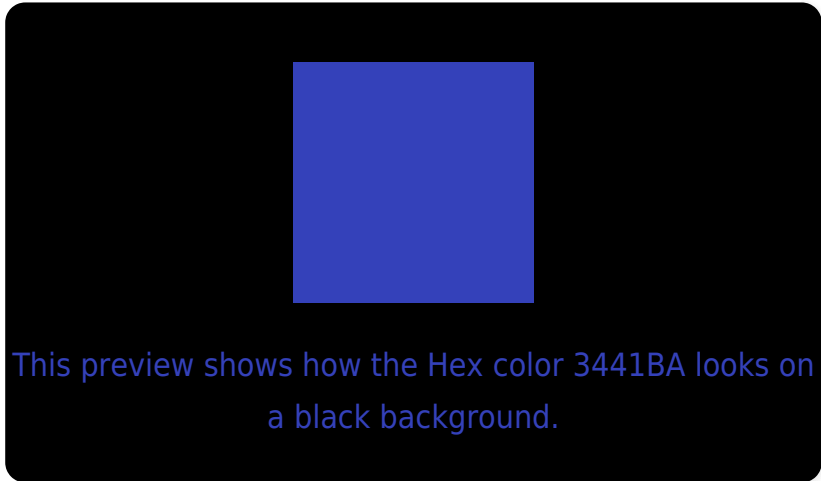
Large Text (above 18pt) WCAG AA ✓ Pass

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

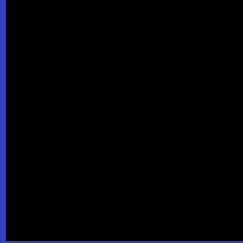
Any Text WCAG AA × Fail

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 3441BA Background



This preview shows how black text looks on a background with the Hex color 3441BA.

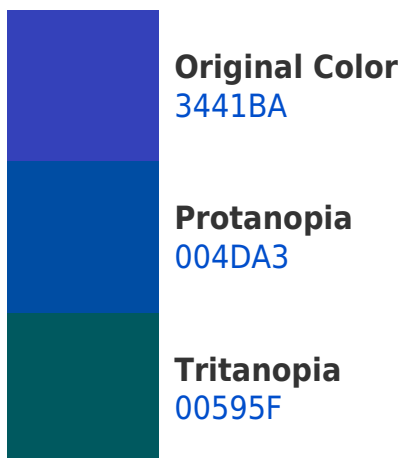


This preview shows how white text looks on a background with the Hex color 3441BA.

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
3441BA

Protanomaly
1349AB

Tritanomaly
135080

Monochromacy



Original Color
3441BA

Achromatopsia
4B4B4B

Achromatomaly
434773

CSS Examples

Text

The CSS property to change the color of the text to Hex 3441BA 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 #3441BA looks like.

```
.text, #text, p{  
    color:#3441BA  
}
```

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 #3441BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3441BA
}
```

Border

The CSS property to change the border of an element to Hex 3441BA 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
#3441BA }
```

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

```
.border{ border-color:#3441BA }
```

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

Here you see how a box with a 4 pixel #3441BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3441BA; -webkit-box-shadow:4px 4px  
4px 4px #3441BA; box-shadow:4px 4px 4px  
4px #3441BA }
```

Background

The CSS property to change the background color of an element to Hex 3441BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3441BA }
```

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

```
.background{ background-color:#3441BA }
```

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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