

Converting Colors

Hex(3944AB)

Have a look what the booklet for
Hex(3944AB) contains.

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Color

Hex(3944AB)

Conversions

Conversions Part 1

Format	Color
Hex	3944AB
RGB	57, 68, 171
RGB Percent	22%, 27%, 67%
CMY	0.7765, 0.7333, 0.3294
CMYK	0.67, 0.60, 0.00, 0.33
HSL	234°, 50%, 45%
HSV	234°, 67%, 67%
XYZ	11.1052, 7.9444, 39.4762
YIQ	76.4530, -39.6190, 29.7010

Conversions

Conversions Part 2

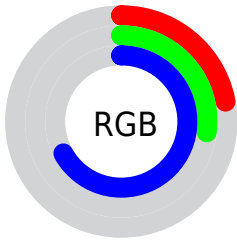
Format	Color
RYB	57, 67, 171
Decimal	3753131
CIELab	33.87, 29.49, -56.63
CIElCh	34, 63.854, 297.509
Yxy	7.9444, 0.1897, 0.1357
Android (android.graphics.Color)	4281943211 (0xFF3944AB)
YUV	76.4530, 46.6117, -17.0603
Hunter-Lab	28.1858, 21.0036, -63.3099

Details

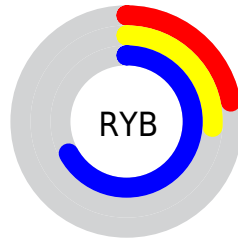
The Hex color **3944AB** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **ABA039**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7574E3**, and **001976** is the 20% darker color. If you saturate the color by 10%, you get **2835AB**, and if you desaturate by 10%, it is **4A53AB**.

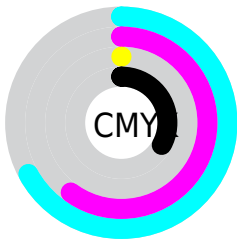
Distribution



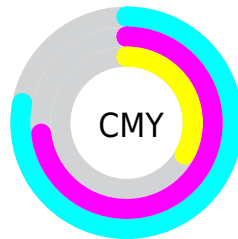
- Red (22%)
- Green (27%)
- Blue (67%)



- Red (22%)
- Yellow (26%)
- Blue (67%)



- Cyan (67%)
- Magenta (60%)
- Yellow (0%)
- Black (33%)



- Cyan (78%)
- Magenta (73%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3944AB 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 3944AB by changing the saturation by 10% instead.

■ 3944AB

■ 3944AB

FFFFFF

■ 0F2E90

■ 7574E3

■ 001976

■ 928EFF

■ 00035C

■ AFA8FF

■ 000544

■ CCC3FF

■ 00032D

■ EADFFF

■ 000117

■ FFFCFF

■ 000000

■ 3944AB

■ 3944AB

■ 2835AB

■ 4A53AB

■ 1725AB

■ 5B63AB

■ 0616AB

■ 6C72AB

■ 0010AB

■ 7D82AB

■ 8F91AB

■ A0A1AB

■ B1B0AB

■ C2C0AB

■ D3CFAB

Harmonies

Analogous

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



0058B7



3944AB



862287

Triad

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



3944AB



8B3500



00644A

Complementary

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



3944AB



ABA039

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.



006111



3944AB



664C00

Square

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



3944AB



A20825



345A00



00647E

Rectangle

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



3944AB



9D0067



345A00



006338

Sweetspot

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



3944AB



B1B6DE



39ABA0



555870



F0F0F0



707070

Same Dimension

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



3944AB



2C3DDE



6739AB



4E4F57



000F96



000217

Inverse Universe

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



AB3944



DE2C3D



7DAB39



574E4F



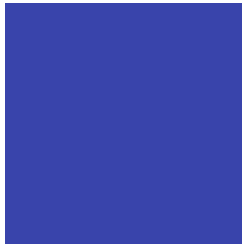
96000F



170002

Previews

White Background



This preview shows how the Hex color 3944AB looks on a white background.

Color Contrast Check

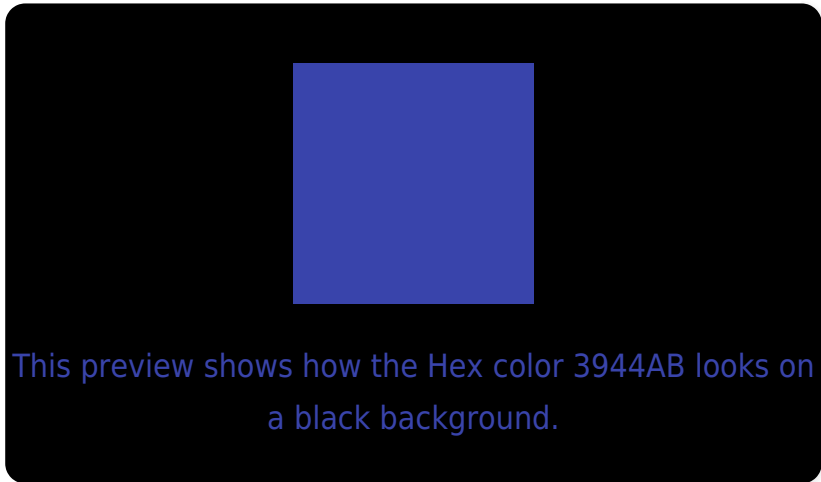
Large Text (above 18pt) WCAG AA ✓ Pass

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

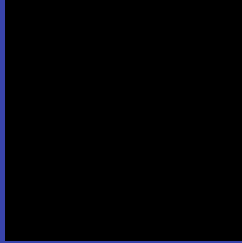
Any Text WCAG AA × Fail

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 3944AB Background



This preview shows how black text looks on a background with the Hex color 3944AB.



This preview shows how white text looks on a background with the Hex color 3944AB.

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
3944AB

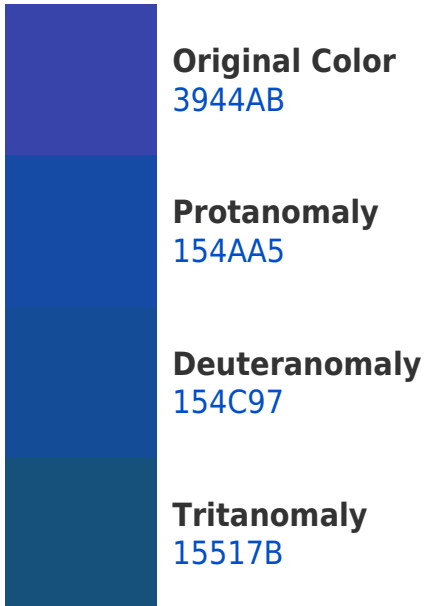
Protanopia
004DA2

Deuteranopia
00518C



Tritanopia
00585F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3944AB 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 #3944AB looks like.

```
.text, #text, p{  
    color:#3944AB  
}
```

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 #3944AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3944AB
}
```

Border

The CSS property to change the border of an element to Hex 3944AB 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
#3944AB }
```

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

```
.border{ border-color:#3944AB }
```

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

Here you see how a box with a 4 pixel #3944AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3944AB; -webkit-box-shadow:4px 4px  
4px 4px #3944AB; box-shadow:4px 4px 4px  
4px #3944AB }
```

Background

The CSS property to change the background color of an element to Hex 3944AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3944AB }
```

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

```
.background{ background-color:#3944AB }
```

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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