

Converting Colors

Hex(B344A3)

Have a look what the booklet for
Hex(B344A3) contains.

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Color

Hex(B344A3)

Conversions

Conversions Part 1

Format	Color
Hex	B344A3
RGB	179, 68, 163
RGB Percent	70%, 27%, 64%
CMY	0.2980, 0.7333, 0.3608
CMYK	0.00, 0.62, 0.09, 0.30
HSL	309°, 45%, 48%
HSV	309°, 62%, 70%
XYZ	27.2684, 16.3623, 36.3714
YIQ	112.0190, 35.6610, 53.0770

Conversions

Conversions Part 2

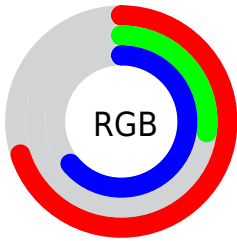
Format	Color
R_{YB}	179, 68, 163
Decimal	11748515
CIE _{Lab}	47.45, 56.29, -29.38
CIE _{LCh}	47, 63.500, 332.440
Yxy	16.3623, 0.3408, 0.2045
Android (android.graphics.Color)	4289938595 (0xFFB344A3)
YUV	112.0190, 25.1336, 58.7423
Hunter-Lab	40.4503, 49.5424, -24.9960

Details

The Hex color **B344A3** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **44B354**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **ED7BDA**, and **7B006F** is the 20% darker color. If you saturate the color by 10%, you get **B332A0**, and if you desaturate by 10%, it is **B356A6**.

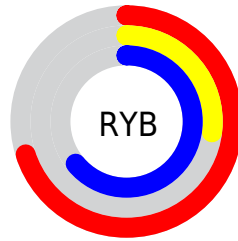
Distribution



Red (70%)

Green (27%)

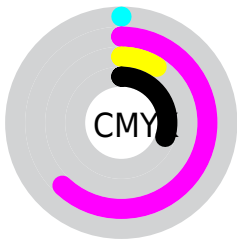
Blue (64%)



Red (70%)

Yellow (27%)

Blue (64%)

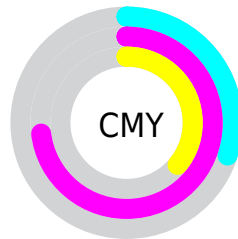


Cyan (0%)

Magenta (62%)

Yellow (9%)

Black (30%)



Cyan (30%)

Magenta (73%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color B344A3 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 B344A3 by changing the saturation by 10% instead.

 B344A3

 B344A3

FFFFFF

 972789

 ED7BDA

 7B006F

 FF96F7

 600056

 FFB2FF

 45003E

 FFCFFF

 2E0028

 FFECFF

 000011

 000000

 B344A3

 B344A3

 B332A0

 B356A6

 B3209E

 B368A8

 B30E9B

 B37AAB

 B30099

 B38CAD

 B39EB0

 B3AFB2

 B3C1B5

 B3D3B8

 B3E5BA

Harmonies

Analogous

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



7360CC



B344A3



CD326F

Triad

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



B344A3



847000



0088A9

Complementary

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



B344A3



44B354

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.



008874



B344A3



4D7D00

Square

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



B344A3



AE5A00



00853C



0083CF

Rectangle

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



B344A3



CD394B



00853C



008898

Sweetspot

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



B344A3



E8BCE2



5344B3



755A71



F5F5F5



757575

Same Dimension

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



B344A3



E83CCF



B3446D



595058



990083



1A0016

Inverse Universe

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



B344A3



E83CCF



44B38A



595058



990083



1A0016

Previews

White Background



This preview shows how the Hex color B344A3 looks on a white background.

Color Contrast Check

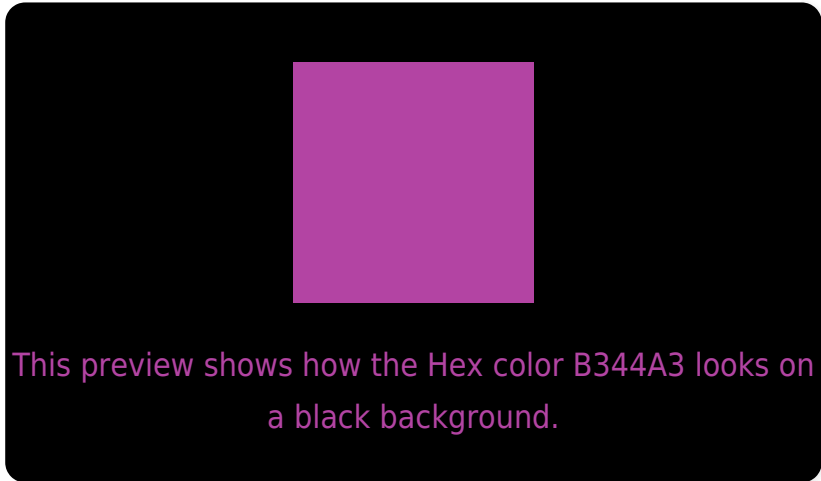
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 B344A3 Background



This preview shows how black text looks on a background with the Hex color B344A3.

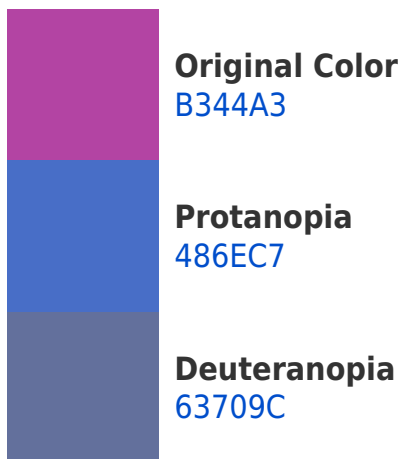


This preview shows how white text looks on a background with the Hex color B344A3.

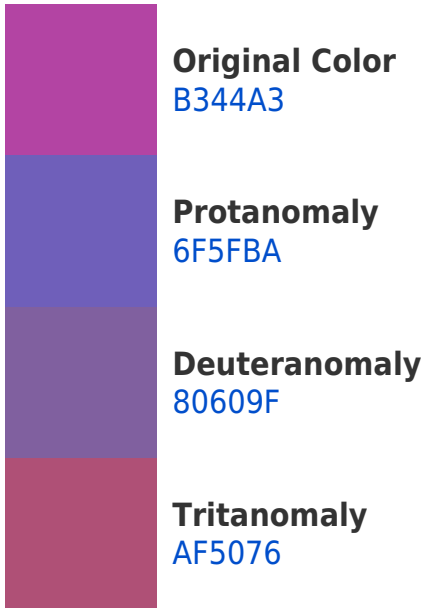
Color Blindness Simulation

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](#).

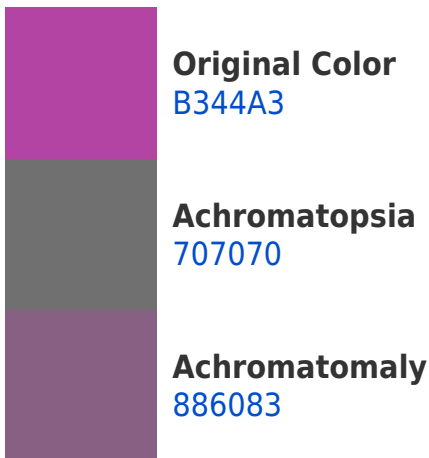
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B344A3 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 #B344A3 looks like.

```
.text, #text, p{  
    color:#B344A3  
}
```

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 #B344A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B344A3
}
```

Border

The CSS property to change the border of an element to Hex B344A3 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".

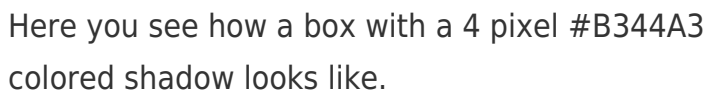
```
.border, #border, table{ border:4px solid
#B344A3 }
```

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

```
.border{ border-color:#B344A3 }
```

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

Here you see how a box with a 4 pixel #B344A3 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and a thick purple shadow is cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B344A3; -webkit-box-shadow:4px 4px  
4px 4px #B344A3; box-shadow:4px 4px 4px  
4px #B344A3 }
```

Background

The CSS property to change the background color of an element to Hex B344A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B344A3 }
```

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

```
.background{ background-color:#B344A3 }
```

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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