

Converting Colors

Hex(B336A3)

Have a look what the booklet for
Hex(B336A3) contains.

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Color

Hex(B336A3)

Conversions

Conversions Part 1

Format	Color
Hex	B336A3
RGB	179, 54, 163
RGB Percent	70%, 21%, 64%
CMY	0.2980, 0.7882, 0.3608
CMYK	0.00, 0.70, 0.09, 0.30
HSL	308°, 54%, 46%
HSV	308°, 70%, 70%
XYZ	26.5204, 14.8664, 36.1220
YIQ	103.8010, 39.5110, 60.3990

Conversions

Conversions Part 2

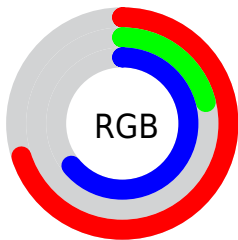
Format	Color
R_{YB}	179, 54, 163
Decimal	11744931
CIE _{Lab}	45.45, 61.85, -32.50
CIE _{LCh}	45, 69.873, 332.278
Yxy	14.8664, 0.3422, 0.1918
Android (android.graphics.Color)	4289935011 (0xFFB336A3)
YUV	103.8010, 29.1851, 65.9495
Hunter-Lab	38.5569, 55.3021, -28.5559

Details

The Hex color **B336A3** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **36B346**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **EE6FDA**, and **7B006F** is the 20% darker color. If you saturate the color by 10%, you get **B324A1**, and if you desaturate by 10%, it is **B348A5**.

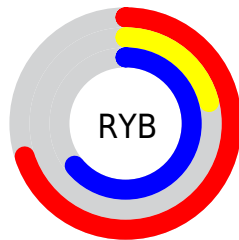
Distribution



Red (70%)

Green (21%)

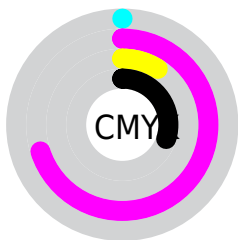
Blue (64%)



Red (70%)

Yellow (21%)

Blue (64%)

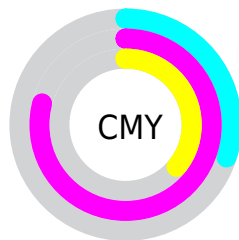


Cyan (0%)

Magenta (70%)

Yellow (9%)

Black (30%)



Cyan (30%)

Magenta (79%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color B336A3 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 B336A3 by changing the saturation by 10% instead.

 B336A3

 B336A3

FFFFFF

 961188

 EE6FDA

 7B006F

 FF8BF7

 5F0056

 FFA8FF

 44003E

 FFC4FF

 2B0028

 FFE1FF

 000111

 000000

 B336A3

 B336A3

 B324A1

 B348A5

 B3129E

 B35AA8

 B3009C

 B36CAA

 B37EAC

 B390AE

 B3A1B1

 B3B3B3

 B3C5B5

 B3D7B8

Harmonies

Analogous

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



6B59D0



B336A3



CF186A

Triad

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



B336A3



7F6B00



0084A9

Complementary

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



B336A3



36B346

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.



00846F



B336A3



427900

Square

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



B336A3



AC5300



008131



007FD3

Rectangle

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



B336A3



CE2444



008131



008597

Sweetspot

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



B336A3



E8B7E2



4536B3



755872



F5F5F5



757575

Same Dimension

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



B336A3



E825CF



B33666



595058



990085



1A0016

Inverse Universe

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



B336A3



E825CF



36B383



595058



990085



1A0016

Previews

White Background



This preview shows how the Hex color B336A3 looks on a white background.

Color Contrast Check

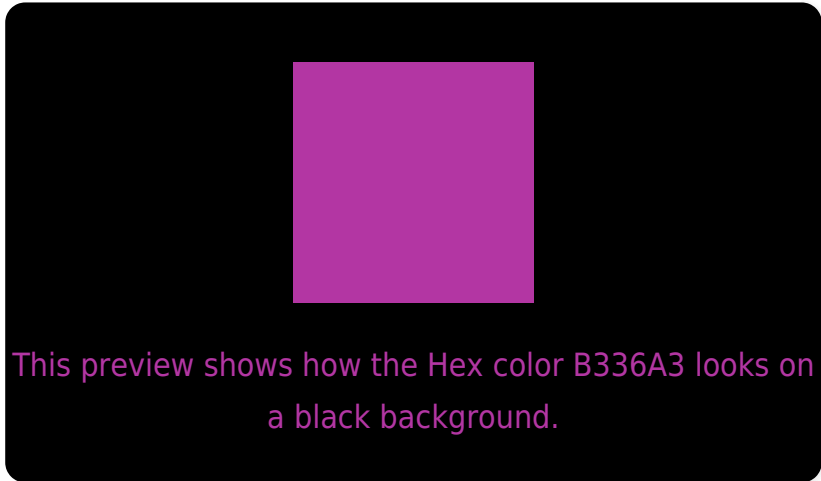
Large Text (above 18pt) WCAG AA ✓ Pass

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

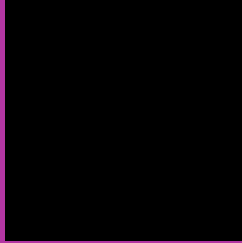
Any Text WCAG AA × Fail

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 B336A3 Background



This preview shows how black text looks on a background with the Hex color B336A3.

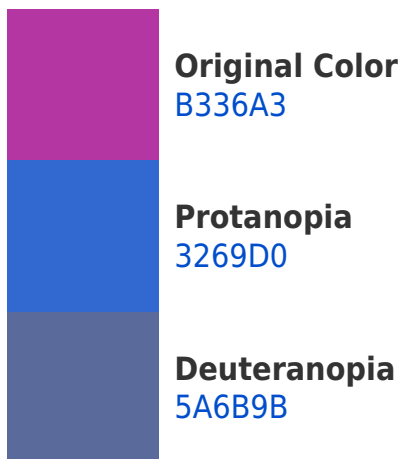


This preview shows how white text looks on a background with the Hex color B336A3.

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](#).

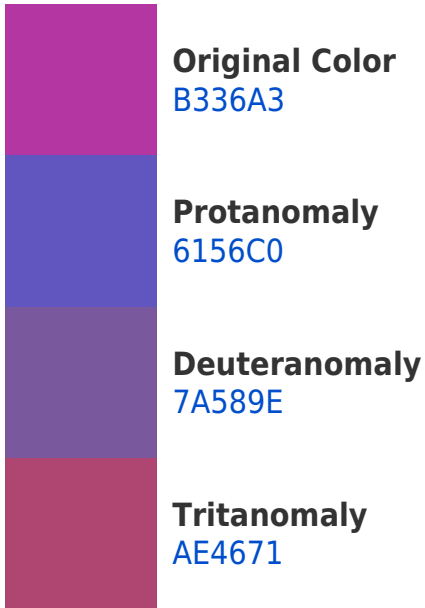
Dichromacy



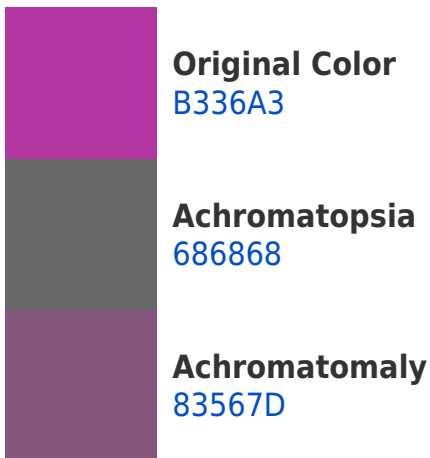


Tritanopia
AB4F54

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B336A3 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 #B336A3 looks like.

```
.text, #text, p{  
    color:#B336A3  
}
```

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 #B336A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B336A3
}
```

Border

The CSS property to change the border of an element to Hex B336A3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

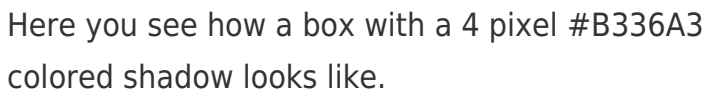
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B336A3 }
```

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

```
.border{ border-color:#B336A3 }
```

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



Here you see how a box with a 4 pixel #B336A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B336A3; -webkit-box-shadow:4px 4px  
4px 4px #B336A3; box-shadow:4px 4px 4px  
4px #B336A3 }
```

Background

The CSS property to change the background color of an element to Hex B336A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B336A3 }
```

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

```
.background{ background-color:#B336A3 }
```

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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