

Converting Colors

Hex(B336A4)

Have a look what the booklet for
Hex(B336A4) contains.

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Color

Hex(B336A4)

Conversions

Conversions Part 1

Format	Color
Hex	B336A4
RGB	179, 54, 164
RGB Percent	70%, 21%, 64%
CMY	0.2980, 0.7882, 0.3569
CMYK	0.00, 0.70, 0.08, 0.30
HSL	307°, 54%, 46%
HSV	307°, 70%, 70%
XYZ	26.6104, 14.9024, 36.5959
YIQ	103.9150, 39.1900, 60.7100

Conversions

Conversions Part 2

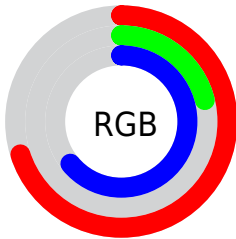
Format	Color
RYB	179, 54, 164
Decimal	11744932
CIELab	45.50, 62.01, -33.02
CIElCh	46, 70.252, 331.964
Yxy	14.9024, 0.3407, 0.1908
Android (android.graphics.Color)	4289935012 (0xFFB336A4)
YUV	103.9150, 29.6219, 65.8495
Hunter-Lab	38.6036, 55.4882, -29.1839

Details

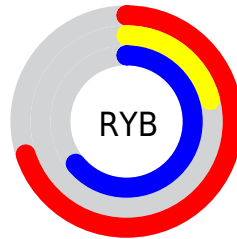
The Hex color **B336A4** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **36B345**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **EE6FDB**, and **7B0070** is the 20% darker color. If you saturate the color by 10%, you get **B324A2**, and if you desaturate by 10%, it is **B348A6**.

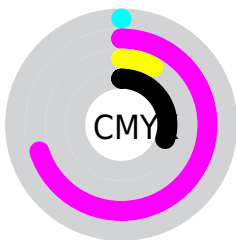
Distribution



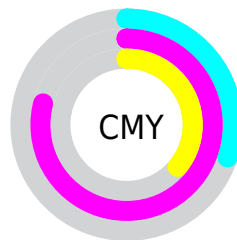
- Red (70%)
- Green (21%)
- Blue (64%)



- Red (70%)
- Yellow (21%)
- Blue (64%)



- Cyan (0%)
- Magenta (70%)
- Yellow (8%)
- Black (30%)



- Cyan (30%)
- Magenta (79%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color B336A4 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 B336A4 by changing the saturation by 10% instead.

 B336A4

 B336A4

FFFFFF

 961189

 EE6FDB

 7B0070

 FF8BF8

 5F0057

 FFA8FF

 44003F

 FFC4FF

 2B0029

 FFE1FF

 000112

 000000

 B336A4

 B336A4

 B324A2

 B348A6

 B312A0

 B35AA8

 B3009E

 B36CAA

 B37EAD

 B390AF

 B3A1B1

 B3B3B3

 B3C5B5

 B3D7B7

Harmonies

Analogous

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



6A5AD1



B336A4



CF166B

Triad

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



B336A4



806B00



0084A9

Complementary

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



B336A4



36B345

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.



00846E



B336A4



437900

Square

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



B336A4



AD5200



008130



0080D4

Rectangle

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



B336A4



CF2344



008130



008596

Sweetspot

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



B336A4



E8B7E2



4536B3



755872



F5F5F5



757575

Same Dimension

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



B336A4



E825D1



B33666



595058



990087



1A0016

Inverse Universe

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



B336A4



E825D1



36B383



595058



990087



1A0016

Previews

White Background



This preview shows how the Hex color B336A4 looks on a white background.

Color Contrast Check

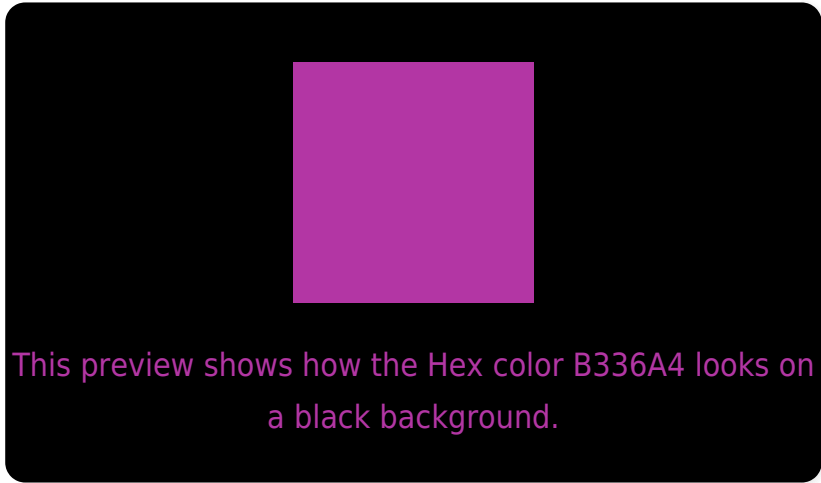
Large Text (above 18pt) WCAG AA ✓ Pass

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

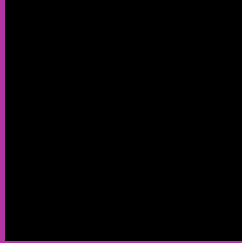
Any Text WCAG AA × Fail

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 B336A4 Background



This preview shows how black text looks on a background with the Hex color B336A4.

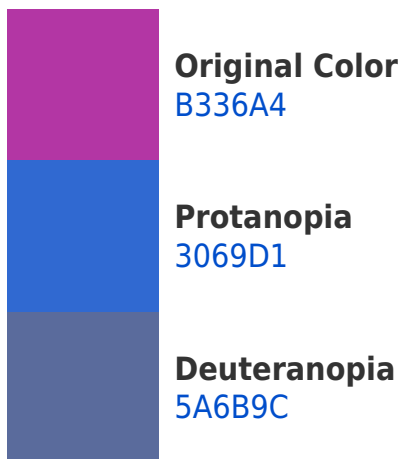


This preview shows how white text looks on a background with the Hex color B336A4.

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](#).

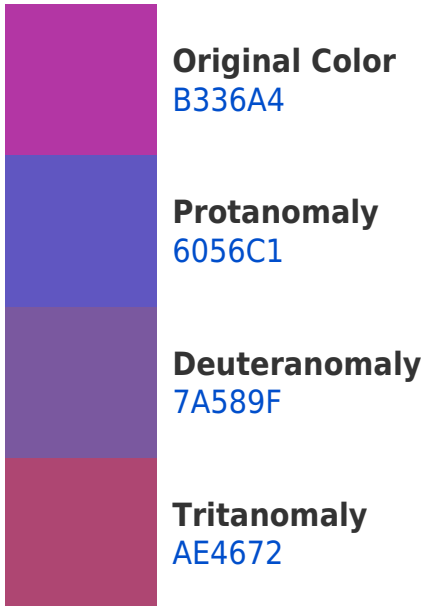
Dichromacy



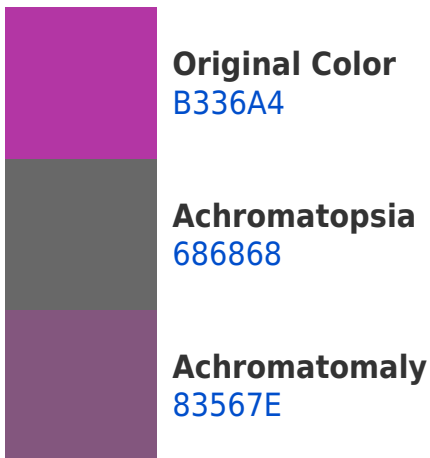


Tritanopia
AB4F55

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B336A4 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 #B336A4 looks like.

```
.text, #text, p{  
    color:#B336A4  
}
```

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 #B336A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B336A4
}
```

Border

The CSS property to change the border of an element to Hex B336A4 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
#B336A4 }
```

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

```
.border{ border-color:#B336A4 }
```

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

Here you see how a box with a 4 pixel #B336A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B336A4; -webkit-box-shadow:4px 4px  
4px 4px #B336A4; box-shadow:4px 4px 4px  
4px #B336A4 }
```

Background

The CSS property to change the background color of an element to Hex B336A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B336A4 }
```

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

```
.background{ background-color:#B336A4 }
```

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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