

# Converting Colors

Hex(B329A7)

Have a look what the booklet for  
Hex(B329A7) contains.

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**Color**

**Hex(B329A7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B329A7
RGB	179, 41, 167
RGB Percent	70%, 16%, 65%
CMY	0.2980, 0.8392, 0.3451
CMYK	0.00, 0.77, 0.07, 0.30
HSL	305°, 63%, 43%
HSV	305°, 77%, 70%
XYZ	26.3584, 13.9596, 37.8644
YIQ	96.6260, 41.8020, 68.4420

# Conversions

## Conversions Part 2

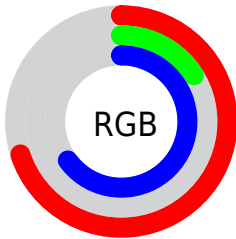
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 41, 167
Decimal	11741607
CIE <sub>Lab</sub>	44.17, 66.68, -36.89
CIE <sub>LCh</sub>	44, 76.210, 331.046
Yxy	13.9596, 0.3371, 0.1786
Android (android.graphics.Color)	4289931687 (0xFFB329A7)
YUV	96.6260, 34.6944, 72.2420
Hunter-Lab	37.3626, 60.5431, -33.9327

# Details

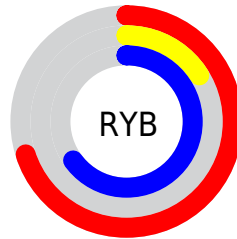
The Hex color **B329A7** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **29B335**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **EE66DF**, and **7A0072** is the 20% darker color. If you saturate the color by 10%, you get **B317A5**, and if you desaturate by 10%, it is **B33BA9**.

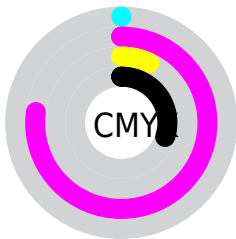
# Distribution



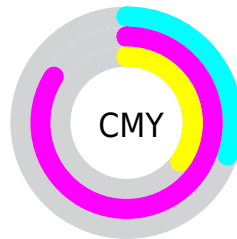
- Red (70%)
- Green (16%)
- Blue (65%)



- Red (70%)
- Yellow (16%)
- Blue (65%)



- Cyan (0%)
- Magenta (77%)
- Yellow (7%)
- Black (30%)



- Cyan (30%)
- Magenta (84%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B329A7 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 B329A7 by changing the saturation by 10% instead.



 B329A7

 B329A7

FFFFFF

 96008C

 EE66DF

 7A0072

 FF83FB

 5E0059

 FF9FFF

 440041

 FFBCFF

 29002B

 FFD9FF

 000114

 FFF7FF

 000000

 B329A7

 B329A7

 B317A5

 B33BA9

 B305A4

 B34DAA

 B300A3

 B35FAC

 B371AD

 B383AF

 B394B0

 B3A6B2

 B3B8B3

 B3CAB5

# Harmonies

## Analogous

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



5F56D7



B329A7



D20069

# Triad

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



B329A7



7E6700



0082A9

# Complementary

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



B329A7



29B335

# 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.



008269



B329A7



3B7700

# Square

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



B329A7



AE4B00



007F24



007ED8

# Rectangle

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



B329A7



D20040



007F24



008395



# Sweetspot

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



B329A7



E8B3E3



3529B3



755472



F5F5F5



757575



# Same Dimension

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



B329A7



E810D5



B32962



595058



99008C



1A0017



# Inverse Universe

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



B329A7



E810D5



29B37A



595058



99008C



1A0017



# Previews

## White Background



This preview shows how the Hex color B329A7 looks on a white background.

## Color Contrast Check

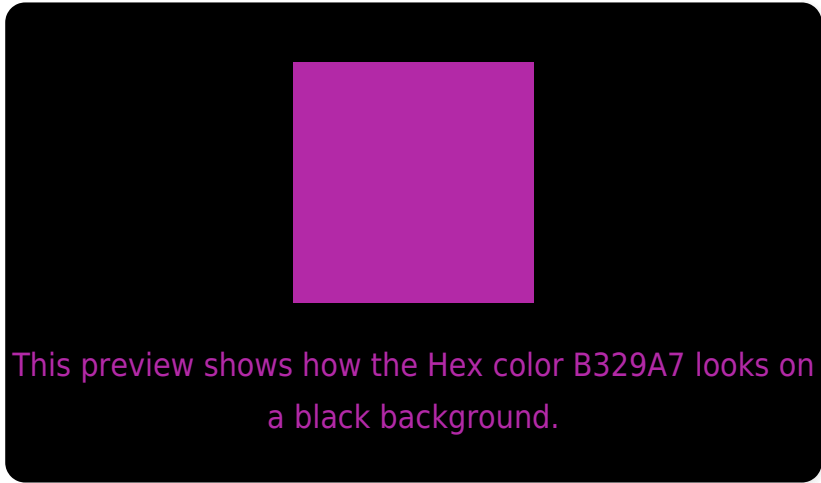
Large Text (above 18pt) WCAG AA ✓ Pass

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

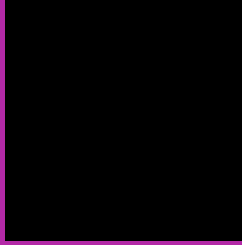
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B329A7 Background



This preview shows how black text looks on a background with the Hex color B329A7.

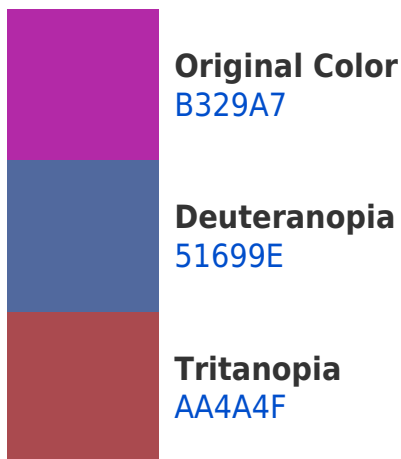


This preview shows how white text looks on a background with the Hex color B329A7.

# 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

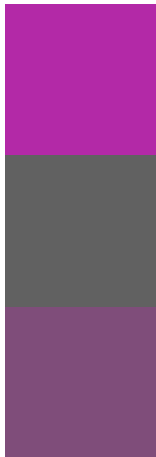


**Original Color**  
B329A7

**Deuteranomaly**  
7552A1

**Tritanomaly**  
AD3E6F

# Monochromacy



**Original Color**  
B329A7

**Achromatopsia**  
616161

**Achromatomaly**  
7F4D7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B329A7 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 #B329A7 looks like.

```
.text, #text, p{  
    color:#B329A7  
}
```

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 #B329A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B329A7
}
```

## Border

The CSS property to change the border of an element to Hex B329A7 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
#B329A7 }
```

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

```
.border{ border-color:#B329A7 }
```

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

Here you see how a box with a 4 pixel #B329A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B329A7; -webkit-box-shadow:4px 4px  
4px 4px #B329A7; box-shadow:4px 4px 4px  
4px #B329A7 }
```

# Background

The CSS property to change the background color of an element to Hex B329A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B329A7 }
```

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

```
.background{ background-color:#B329A7 }
```

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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