

# Converting Colors

Hex(B32BA4)

Have a look what the booklet for  
Hex(B32BA4) contains.

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# Color

Hex(B32BA4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B32BA4
RGB	179, 43, 164
RGB Percent	70%, 17%, 64%
CMY	0.2980, 0.8314, 0.3569
CMYK	0.00, 0.76, 0.08, 0.30
HSL	307°, 61%, 44%
HSV	307°, 76%, 70%
XYZ	26.1551, 13.9918, 36.4441
YIQ	97.4580, 42.2150, 66.4630

# Conversions

## Conversions Part 2

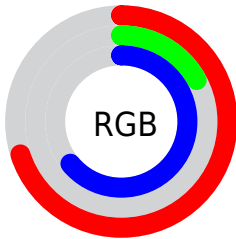
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 43, 164
Decimal	11742116
CIELab	44.22, 65.65, -35.03
CIELCh	44, 74.408, 331.912
Yxy	13.9918, 0.3415, 0.1827
Android (android.graphics.Color)	4289932196 (0xFFB32BA4)
YUV	97.4580, 32.8052, 71.5123
Hunter-Lab	37.4056, 59.3527, -31.5821

# Details

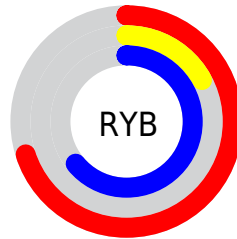
The Hex color **B32BA4** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **2BB33A**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **EE67DB**, and **7A0070** is the 20% darker color. If you saturate the color by 10%, you get **B319A2**, and if you desaturate by 10%, it is **B33DA6**.

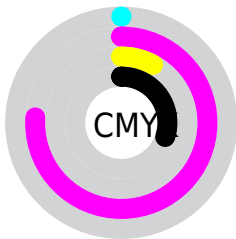
# Distribution



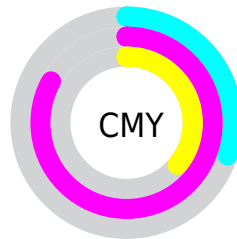
- Red (70%)
- Green (17%)
- Blue (64%)



- Red (70%)
- Yellow (17%)
- Blue (64%)



- Cyan (0%)
- Magenta (76%)
- Yellow (8%)
- Black (30%)



- Cyan (30%)
- Magenta (83%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B32BA4 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 B32BA4 by changing the saturation by 10% instead.



 B32BA4

 B32BA4

FFFFFF

 960089

 EE67DB

 7A0070

 FF84F8

 5F0057

 FFA0FF

 44003F

 FFBDFE

 290028

 FFDAFF

 000111

 FFF8FF

 000000

 B32BA4

 B32BA4

 B319A2

 B33DA6

 B307A0

 B34FA8

 B3009F

 B361AA

 B373AC

 B385AE

 B396B0

 B3A8B2

 B3BAB4

 B3CCB6

# Harmonies

## Analogous

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



6456D3



B32BA4



D00067

# Triad

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



B32BA4



7C6800



0082A9

# Complementary

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



B32BA4



2BB33A

# 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.



00826B



B32BA4



3B7700

# Square

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



B32BA4



AC4D00



007F28



007DD7

# Rectangle

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



B32BA4



D00C3F



007F28



008295



# Sweetspot

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



B32BA4



E8B3E2



392BB3



755472



F5F5F5



757575



# Same Dimension

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



B32BA4



E815D1



B32B61



595058



990088



1A0017



# Inverse Universe

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



B32BA4



E815D1



2BB37D



595058



990088



1A0017



# Previews

## White Background



This preview shows how the Hex color B32BA4 looks on a white background.

## Color Contrast Check

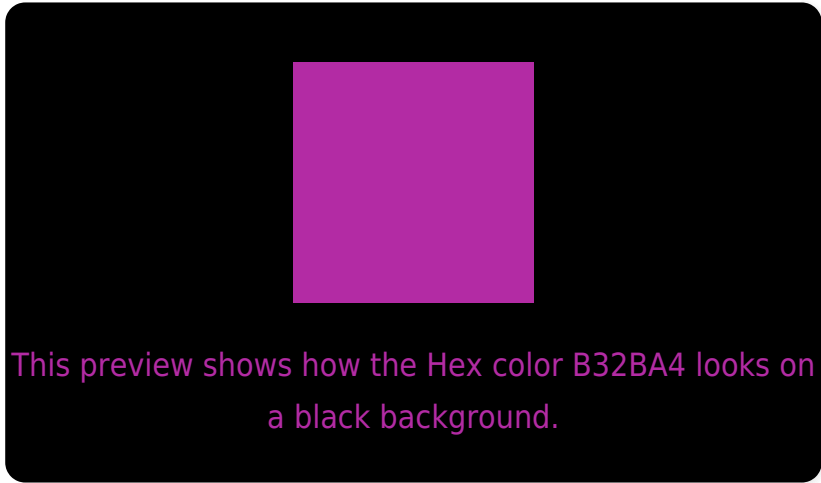
Large Text (above 18pt) WCAG AA ✓ Pass

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

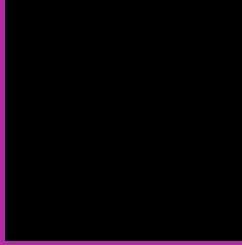
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B32BA4 Background



This preview shows how black text looks on a background with the Hex color B32BA4.

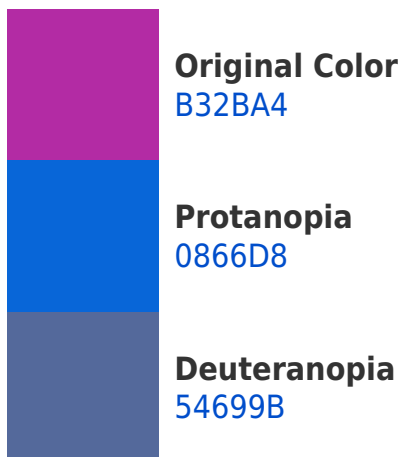


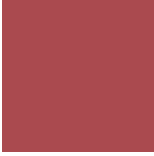
This preview shows how white text looks on a background with the Hex color B32BA4.

# 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](#).

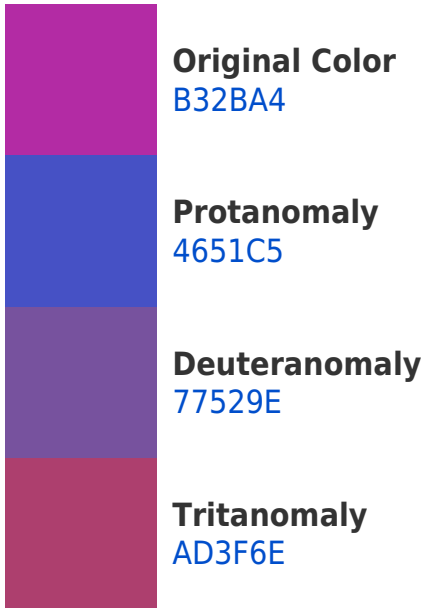
## Dichromacy



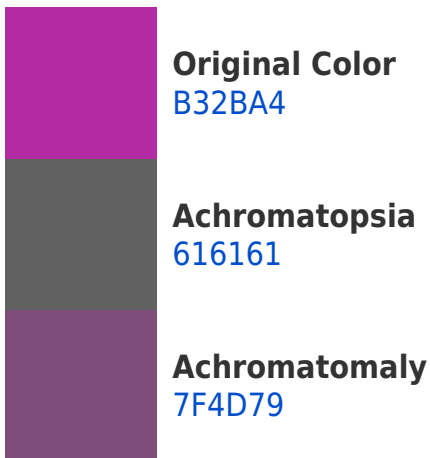


**Tritanopia**  
AA4A4F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B32BA4 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 #B32BA4 looks like.

```
.text, #text, p{  
    color:#B32BA4  
}
```

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 #B32BA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B32BA4
}
```

## Border

The CSS property to change the border of an element to Hex B32BA4 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
#B32BA4 }
```

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

```
.border{ border-color:#B32BA4 }
```

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

Here you see how a box with a 4 pixel #B32BA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B32BA4; -webkit-box-shadow:4px 4px  
4px 4px #B32BA4; box-shadow:4px 4px 4px  
4px #B32BA4 }
```

# Background

The CSS property to change the background color of an element to Hex B32BA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B32BA4 }
```

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

```
.background{ background-color:#B32BA4 }
```

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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