

# Converting Colors

Hex(BD36C9)

Have a look what the booklet for  
Hex(BD36C9) contains.

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# Color

**Hex(BD36C9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD36C9
RGB	189, 54, 201
RGB Percent	74%, 21%, 79%
CMY	0.2588, 0.7882, 0.2118
CMYK	0.06, 0.73, 0.00, 0.21
HSL	295°, 58%, 50%
HSV	295°, 73%, 79%
XYZ	32.8480, 17.6742, 56.9385
YIQ	111.1230, 33.2730, 74.3370

# Conversions

## Conversions Part 2

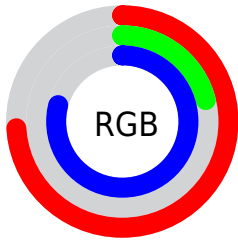
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 54, 201
Decimal	12400329
CIE <sub>Lab</sub>	49.10, 70.28, -48.89
CIE <sub>LCh</sub>	49, 85.617, 325.176
Yxy	17.6742, 0.3057, 0.1645
Android (android.graphics.Color)	4290590409 (0xFFBD36C9)
YUV	111.1230, 44.3094, 68.2981
Hunter-Lab	42.0407, 65.8979, -50.8719

# Details

The Hex color **BD36C9** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted purple. A complement of this color would be **42C936**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **F872FF**, and **830092** is the 20% darker color. If you saturate the color by 10%, you get **BB22C9**, and if you desaturate by 10%, it is **BF4AC9**.

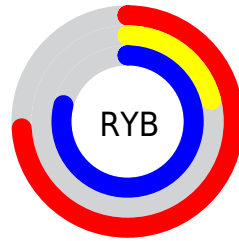
# Distribution



Red (74%)

Green (21%)

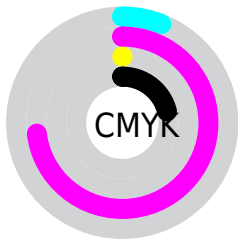
Blue (79%)



Red (74%)

Yellow (21%)

Blue (79%)

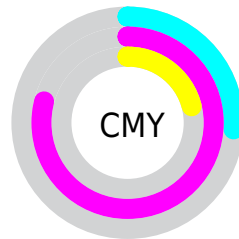


Cyan (6%)

Magenta (73%)

Yellow (0%)

Black (21%)



Cyan (26%)

Magenta (79%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD36C9 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 BD36C9 by changing the saturation by 10% instead.



 BD36C9

 BD36C9

FFFFFF

 A00AAD

 F872FF

 830092

 FF8EFF

 670078

 FFABFF

 4C005E

 FFC8FF

 330046

 FFE6FF

 11002F

 000119

 000000

 BD36C9

 BD36C9

 BB22C9

 BF4AC9

 BA0EC9

 C05EC9

 B900C9

 C272C9

 C486C9

 C59BC9

 C7AFC9

 C8C3C9

 CAD7C9

 CCEBC9

# Harmonies

## Analogous

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



3F67FA



BD36C9



EA0084

# Triad

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



BD36C9



986E00



0092B1

# Complementary

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



BD36C9



42C936

# 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.



009166



BD36C9



528200

# Square

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



BD36C9



CC4A00



008D0E



008FED

# Rectangle

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



BD36C9



EF0054



008D0E



009299



# Sweetspot

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



BD36C9



FAC7FF



3642C9



7D5E80



000000



808080



# Same Dimension

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



BD36C9



ED1FFF



C9368C



635A63



9600A3



210024



# Inverse Universe

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



C93642



FF1F31



36C973



635A5A



A3000D



240003



# Previews

## White Background



This preview shows how the Hex color BD36C9 looks on a white background.

## Color Contrast Check

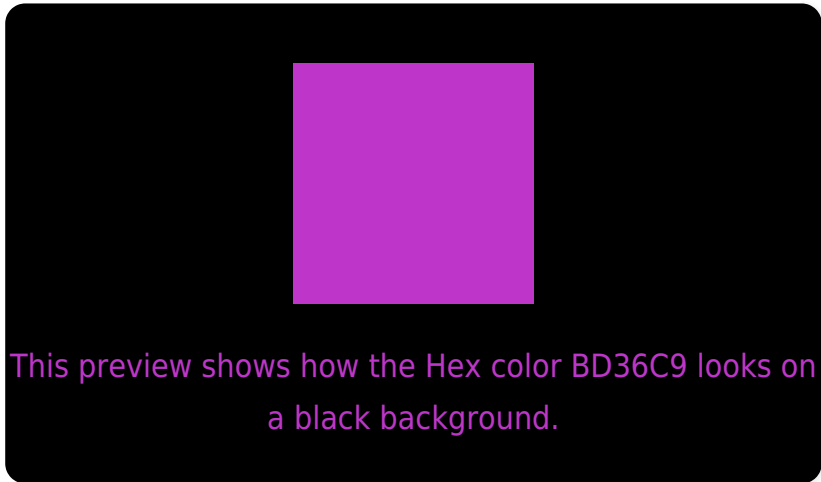
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

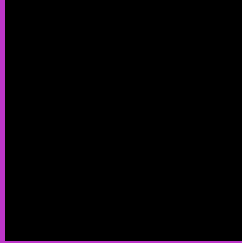
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BD36C9 Background



This preview shows how black text looks on a background with the Hex color BD36C9.



This preview shows how white text looks on a background with the Hex color BD36C9.

# 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](#).

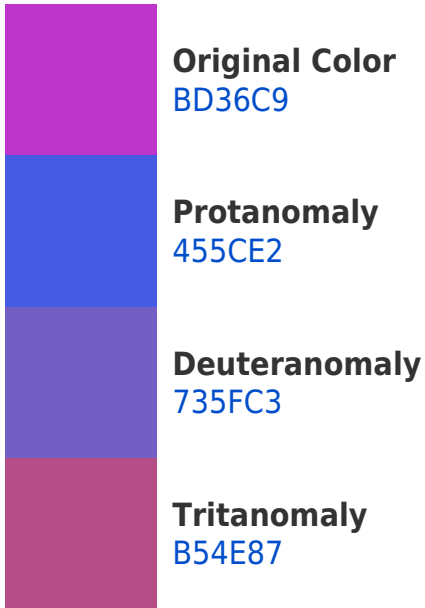
## Dichromacy





**Tritanopia**  
B05B61

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD36C9 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 #BD36C9 looks like.

```
.text, #text, p{  
    color:#BD36C9  
}
```

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 #BD36C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD36C9
}
```

## Border

The CSS property to change the border of an element to Hex BD36C9 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
#BD36C9 }
```

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

```
.border{ border-color:#BD36C9 }
```

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

Here you see how a box with a 4 pixel #BD36C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD36C9; -webkit-box-shadow:4px 4px  
4px 4px #BD36C9; box-shadow:4px 4px 4px  
4px #BD36C9 }
```

# Background

The CSS property to change the background color of an element to Hex BD36C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD36C9 }
```

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

```
.background{ background-color:#BD36C9 }
```

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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