

# Converting Colors

Hex(BA36BA)

Have a look what the booklet for  
Hex(BA36BA) contains.

<b>Hex(BA36BA)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(BA36BA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA36BA
RGB	186, 54, 186
RGB Percent	73%, 21%, 73%
CMY	0.2706, 0.7882, 0.2706
CMYK	0.00, 0.71, 0.00, 0.27
HSL	300°, 55%, 47%
HSV	300°, 71%, 73%
XYZ	30.4318, 16.6226, 48.0589
YIQ	108.5160, 36.3000, 69.0360

# Conversions

## Conversions Part 2

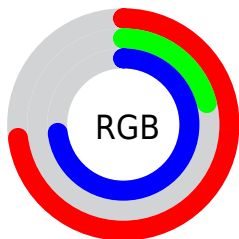
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 54, 186
Decimal	12203706
CIE <sub>Lab</sub>	47.78, 67.14, -42.31
CIE <sub>LCh</sub>	48, 79.359, 327.782
Yxy	16.6226, 0.3200, 0.1748
Android (android.graphics.Color)	4290393786 (0xFFBA36BA)
YUV	108.5160, 38.1996, 67.9535
Hunter-Lab	40.7708, 61.8854, -41.3490

# Details

The Hex color **BA36BA** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **36BA36**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **F571F3**, and **810084** is the 20% darker color. If you saturate the color by 10%, you get **BA23BA**, and if you desaturate by 10%, it is **BA49BA**.

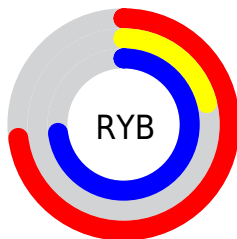
# Distribution



Red (73%)

Green (21%)

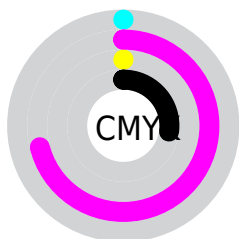
Blue (73%)



Red (73%)

Yellow (21%)

Blue (73%)

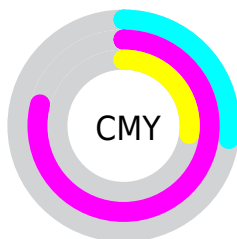


Cyan (0%)

Magenta (71%)

Yellow (0%)

Black (27%)



Cyan (27%)

Magenta (79%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA36BA 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 BA36BA by changing the saturation by 10% instead.



 BA36BA

 BA36BA

FFFFFF

 9D0D9F

 F571F3

 810084

 FF8DFF

 65006A

 FFAAFF

 4A0052

 FFC7FF

 31003A

 FFE4FF

 0C0023

 00000A

 000000

 BA36BA

 BA36BA

 BA23BA

 BA49BA

 BA11BA

 BA5BBA

 BA00BA

 BA6EBA

 BA80BA

 BA93BA

 BAA6BA

 BAB8BA

 BACBBA

 BADDBA

# Harmonies

## Analogous

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



5762EA



BA36BA



DF0079

# Triad

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



BA36BA



8F6D00



008DAF

# Complementary

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



BA36BA



36BA36

# 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.



008C6A



BA36BA



4C7F00

# Square

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



BA36BA



C04E00



008820



0089E3

# Rectangle

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



BA36BA



E2004D



008820



008D99



# Sweetspot

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



BA36BA



F2BFF2



3636BA



7A5C7A



FAFAFA



7A7A7A



# Same Dimension

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



BA36BA



F224F2



BA3678



5C535C



9C009C



1C001C



# Inverse Universe

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



BA36BA



F224F2



36BA78



5C535C



9C009C



1C001C



# Previews

## White Background



This preview shows how the Hex color BA36BA looks on a white background.

## Color Contrast Check

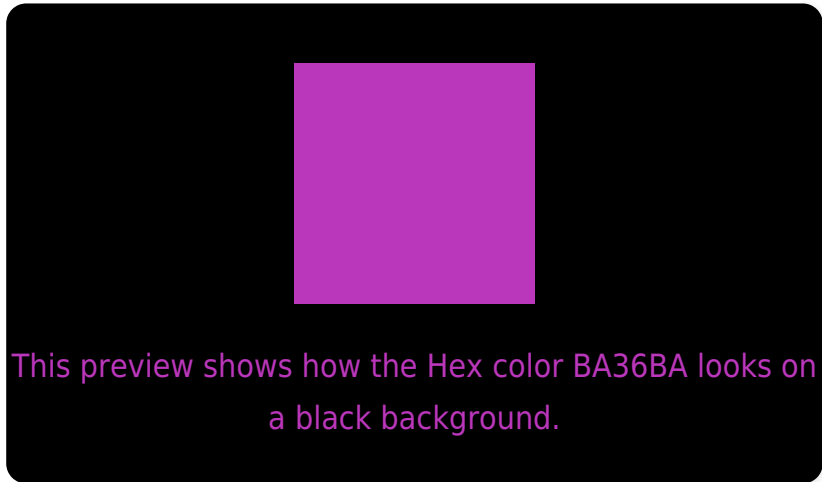
Large Text (above 18pt) WCAG AA ✓ Pass

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

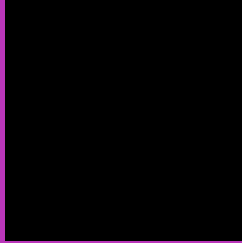
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex BA36BA Background



This preview shows how black text looks on a background with the Hex color BA36BA.

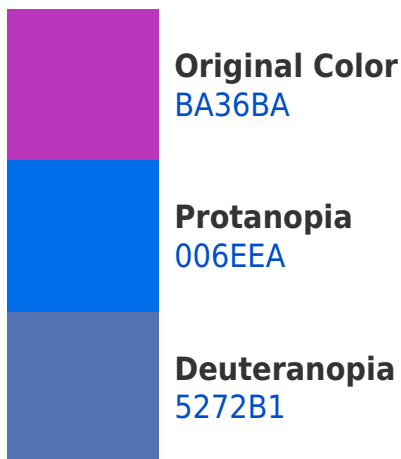



This preview shows how white text looks on a background with the Hex color BA36BA.

# 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**  
AF565C

# Trichromacy



**Original Color**  
BA36BA



**Protanomaly**  
445AD9



**Deuteranomaly**  
785CB4



**Tritanomaly**  
B34A7E

# Monochromacy



**Original Color**  
BA36BA



**Achromatopsia**  
6D6D6D



**Achromatomaly**  
895989

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA36BA 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 #BA36BA looks like.

```
.text, #text, p{  
    color:#BA36BA  
}
```

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 #BA36BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA36BA
}
```

## Border

The CSS property to change the border of an element to Hex BA36BA is called "border". The border property can be set on classes, ids or directly on the HTML element.

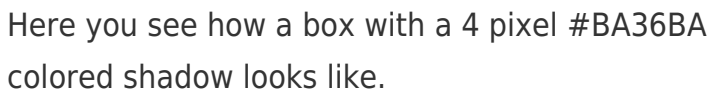
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA36BA }
```

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

```
.border{ border-color:#BA36BA }
```

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



Here you see how a box with a 4 pixel #BA36BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA36BA; -webkit-box-shadow:4px 4px  
4px 4px #BA36BA; box-shadow:4px 4px 4px  
4px #BA36BA }
```

# Background

The CSS property to change the background color of an element to Hex BA36BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA36BA }
```

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

```
.background{ background-color:#BA36BA }
```

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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