

Converting Colors

Hex(BA37CC)

Have a look what the booklet for
Hex(BA37CC) contains.

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Color

Hex(BA37CC)

Conversions

Conversions Part 1

Format	Color
Hex	BA37CC
RGB	186, 55, 204
RGB Percent	73%, 22%, 80%
CMY	0.2706, 0.7843, 0.2000
CMYK	0.09, 0.73, 0.00, 0.20
HSL	293°, 59%, 51%
HSV	293°, 73%, 80%
XYZ	32.5150, 17.5311, 58.7969
YIQ	111.1550, 30.2470, 74.1110

Conversions

Conversions Part 2

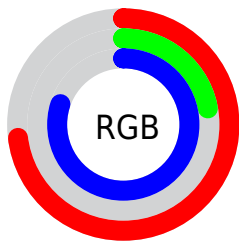
Format	Color
R_{YB}	186, 55, 204
Decimal	12203980
CIE _{Lab}	48.92, 69.85, -50.93
CIE _{LCh}	49, 86.449, 323.904
Yxy	17.5311, 0.2987, 0.1611
Android (android.graphics.Color)	4290394060 (0xFFBA37CC)
YUV	111.1550, 45.7726, 65.6391
Hunter-Lab	41.8702, 65.3443, -53.9498

Details

The Hex color **BA37CC** 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 **49CC37**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **F572FF**, and **810095** is the 20% darker color. If you saturate the color by 10%, you get **B823CC**, and if you desaturate by 10%, it is **BC4BCC**.

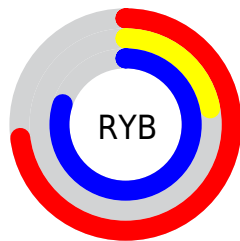
Distribution



Red (73%)

Green (22%)

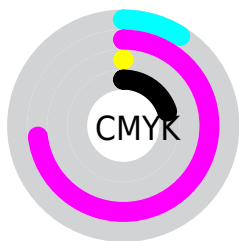
Blue (80%)



Red (73%)

Yellow (22%)

Blue (80%)

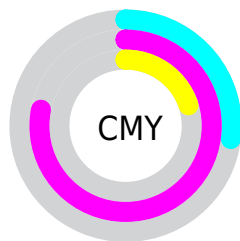


Cyan (9%)

Magenta (73%)

Yellow (0%)

Black (20%)



Cyan (27%)

Magenta (78%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color BA37CC 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 BA37CC by changing the saturation by 10% instead.

 BA37CC

 BA37CC

FFFFFF

 9D0EB0

 F572FF

 810095

 FF8FFF

 64007B

 FFACFF

 490061

 FFC9FF

 2F0049

 FFE6FF

 0B0031

 00011B

 000000

 BA37CC

 BA37CC

 B823CC

 BC4BCC

 B50ECC

 BF60CC

 B300CC

 C174CC

 C489CC

 C69DCC

 C9B1CC

 CBC6CC

 CEDACC

 D0EFCC

Harmonies

Analogous

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



2E68FD



BA37CC



E90087

Triad

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



BA37CC



9A6C00



0092AE

Complementary

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



BA37CC



49CC37

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.



009162



BA37CC



558100

Square

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



BA37CC



CE4700



008C03



008FEB

Rectangle

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



BA37CC



EF0056



008C03



009296

Sweetspot

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



BA37CC



F8C7FF



374BCC



7B5E80



000000



808080

Same Dimension

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



BA37CC



E41FFF



CC3795



655C66



9200A6



220026

Inverse Universe

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



CC3749



FF1F3A



37CC6E



665C5D



A60014



260005

Previews

White Background



This preview shows how the Hex color BA37CC looks on a white background.

Color Contrast Check

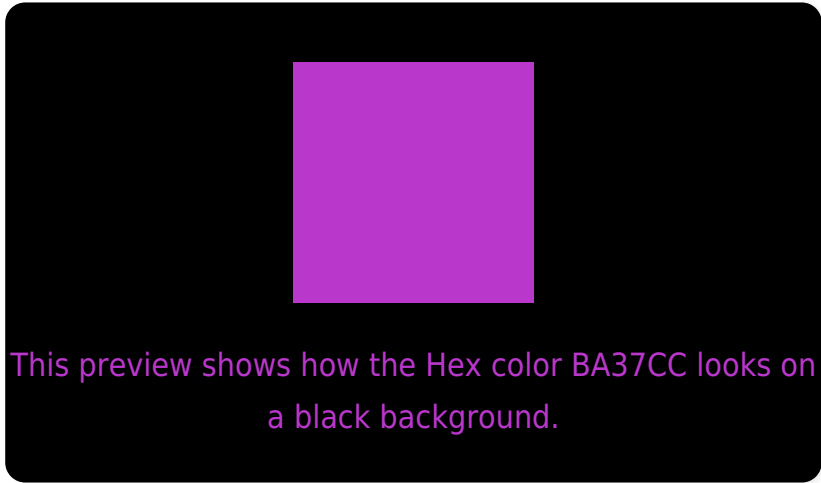
Large Text (above 18pt) WCAG AA ✓ Pass

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

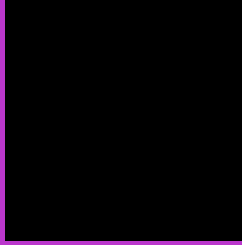
Any Text WCAG AA ✓ Pass

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 BA37CC Background



This preview shows how black text looks on a background with the Hex color BA37CC.

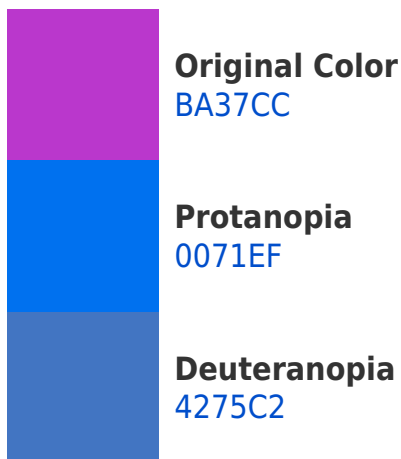


This preview shows how white text looks on a background with the Hex color BA37CC.

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
AD5C63

Trichromacy



Original Color
BA37CC



Protanomaly
445CE2



Deuteranomaly
6E5EC6



Tritanomaly
B24F89

Monochromacy



Original Color
BA37CC



Achromatopsia
6F6F6F



Achromatomaly
8A5B91

CSS Examples

Text

The CSS property to change the color of the text to Hex BA37CC 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 #BA37CC looks like.

```
.text, #text, p{  
    color:#BA37CC  
}
```

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 #BA37CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA37CC }  
}
```

Border

The CSS property to change the border of an element to Hex BA37CC 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 #BA37CC }  
}
```

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

```
.border{ border-color:#BA37CC }
```

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

Here you see how a box with a 4 pixel #BA37CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA37CC; -webkit-box-shadow:4px 4px  
4px 4px #BA37CC; box-shadow:4px 4px 4px  
4px #BA37CC }
```

Background

The CSS property to change the background color of an element to Hex BA37CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA37CC }
```

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

```
.background{ background-color:#BA37CC }
```

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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