

Converting Colors

Hex(B02A84)

Have a look what the booklet for
Hex(B02A84) contains.

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Color

Hex(B02A84)

Conversions

Conversions Part 1

Format	Color
Hex	B02A84
RGB	176, 42, 132
RGB Percent	69%, 16%, 52%
CMY	0.3098, 0.8353, 0.4824
CMYK	0.00, 0.76, 0.25, 0.31
HSL	320°, 61%, 43%
HSV	320°, 76%, 69%
XYZ	22.8973, 12.5520, 23.0457
YIQ	92.3260, 50.9740, 56.3980

Conversions

Conversions Part 2

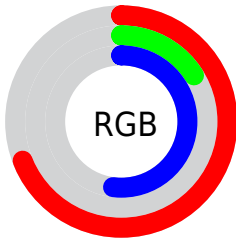
Format	Color
R_{YB}	176, 42, 132
Decimal	11545220
CIE _{Lab}	42.08, 60.77, -19.05
CIE _{LCh}	42, 63.684, 342.593
Yxy	12.5520, 0.3914, 0.2146
Android (android.graphics.Color)	4289735300 (0xFFB02A84)
YUV	92.3260, 19.5593, 73.3821
Hunter-Lab	35.4288, 53.3627, -13.7669

Details

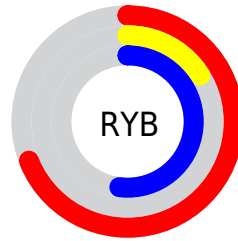
The Hex color **B02A84** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **2AB056**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **EB65B9**, and **770052** is the 20% darker color. If you saturate the color by 10%, you get **B0187E**, and if you desaturate by 10%, it is **B03C8A**.

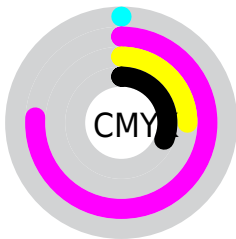
Distribution



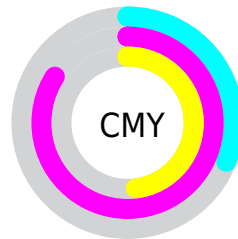
- Red (69%)
- Green (16%)
- Blue (52%)



- Red (69%)
- Yellow (16%)
- Blue (52%)



- Cyan (0%)
- Magenta (76%)
- Yellow (25%)
- Black (31%)



- Cyan (31%)
- Magenta (84%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color B02A84 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 B02A84 by changing the saturation by 10% instead.

 B02A84

 B02A84

FFFFFF

 93006B

 EB65B9

 770052

 FF81D5

 5B003B

 FF9DF1

 410025

 FFBAFF

 26000E

 FFD7FF

 000000

 FFF4FF

 B02A84

 B02A84

 B0187E

 B03C8A

 B00778

 B04D90

 B00076

 B05F95

 B0709B

 B082A1

 B094A7

 B0A5AC

 B0B7B2

 B0C8B8

Harmonies

Analogous

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



7F49B1



B02A84



BE2050

Triad

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



B02A84



656800



0079AA

Complementary

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



B02A84



2AB056

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.



007A79



B02A84



227300

Square

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



B02A84



915500



007842



0072C8

Rectangle

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



B02A84



B8302E



007842



007A9B

Sweetspot

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



B02A84



E6B1D4



542AB0



735368



F2F2F2



737373

Same Dimension

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



B02A84



E615A1



B02A43



595056



990067



1A0011

Inverse Universe

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



B02A84



E615A1



2AB097



595056



990067



1A0011

Previews

White Background



This preview shows how the Hex color B02A84 looks on a white background.

Color Contrast Check

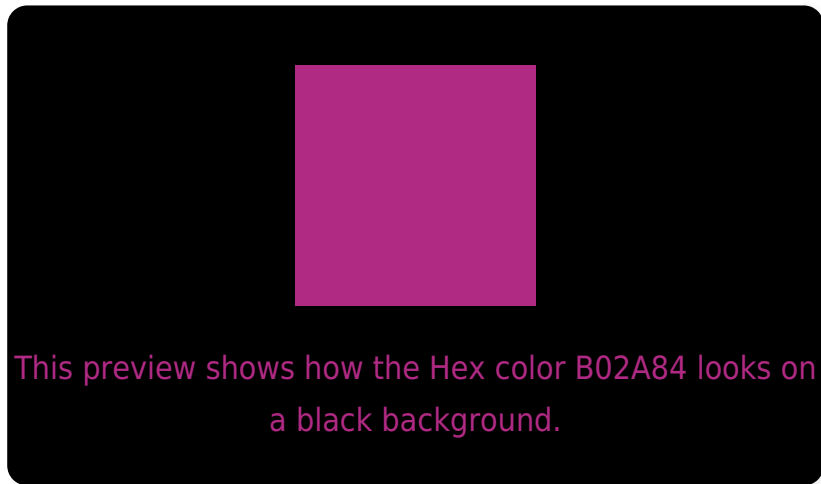
Large Text (above 18pt) WCAG AA ✓ Pass

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

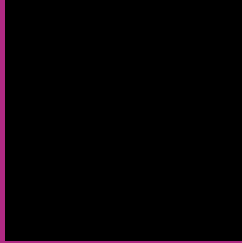
Any Text WCAG AA × Fail

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 B02A84 Background



This preview shows how black text looks on a background with the Hex color B02A84.

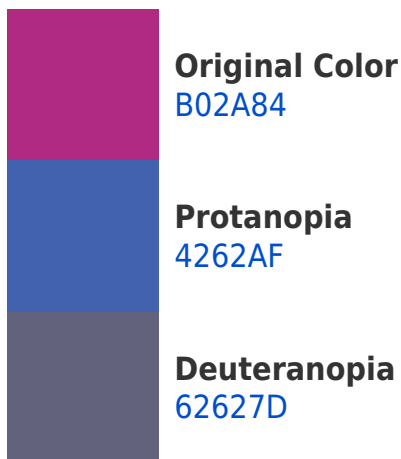


This preview shows how white text looks on a background with the Hex color B02A84.

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
AB3F43

Trichromacy



Original Color
B02A84



Protanomaly
6A4E9F



Deuteranomaly
7E4E80



Tritanomaly
AD375B

Monochromacy



Original Color
B02A84



Achromatopsia
5C5C5C



Achromatomaly
7B4A6B

CSS Examples

Text

The CSS property to change the color of the text to Hex B02A84 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 #B02A84 looks like.

```
.text, #text, p{  
    color:#B02A84  
}
```

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 #B02A84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B02A84
}
```

Border

The CSS property to change the border of an element to Hex B02A84 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
#B02A84 }
```

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

```
.border{ border-color:#B02A84 }
```

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

Here you see how a box with a 4 pixel #B02A84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B02A84; -webkit-box-shadow:4px 4px  
4px 4px #B02A84; box-shadow:4px 4px 4px  
4px #B02A84 }
```

Background

The CSS property to change the background color of an element to Hex B02A84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B02A84 }
```

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

```
.background{ background-color:#B02A84 }
```

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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