

Converting Colors

Hex(BD42A1)

Have a look what the booklet for
Hex(BD42A1) contains.

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Color

Hex(BD42A1)

Conversions

Conversions Part 1

Format	Color
Hex	BD42A1
RGB	189, 66, 161
RGB Percent	74%, 26%, 63%
CMY	0.2588, 0.7412, 0.3686
CMYK	0.00, 0.65, 0.15, 0.26
HSL	314°, 48%, 50%
HSV	314°, 65%, 74%
XYZ	29.3675, 17.2885, 35.5074
YIQ	113.6070, 42.8130, 55.6210

Conversions

Conversions Part 2

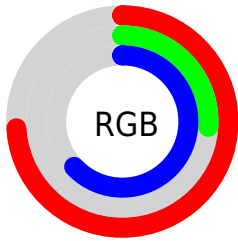
Format	Color
R_{YB}	189, 66, 161
Decimal	12403361
CIE _{Lab}	48.62, 59.48, -26.25
CIE _{LCh}	49, 65.015, 336.191
Yxy	17.2885, 0.3574, 0.2104
Android (android.graphics.Color)	4290593441 (0xFFBD42A1)
YUV	113.6070, 23.3647, 66.1197
Hunter-Lab	41.5794, 53.3105, -21.5261

Details

The Hex color **BD42A1** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **42BD5E**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **F87AD8**, and **84006D** is the 20% darker color. If you saturate the color by 10%, you get **BD2F9D**, and if you desaturate by 10%, it is **BD55A5**.

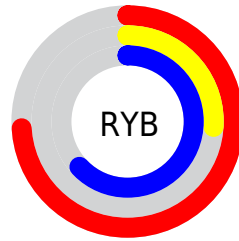
Distribution



Red (74%)

Green (26%)

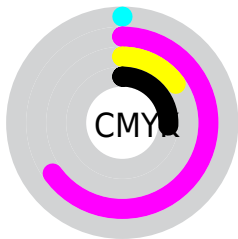
Blue (63%)



Red (74%)

Yellow (26%)

Blue (63%)

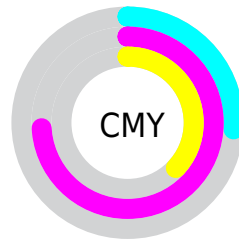


Cyan (0%)

Magenta (65%)

Yellow (15%)

Black (26%)



Cyan (26%)

Magenta (74%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD42A1 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 BD42A1 by changing the saturation by 10% instead.

 BD42A1

 BD42A1

FFFFFF

 A02387

 F87AD8

 84006D

 FF96F5

 690054

 FFB2FF

 4E003D

 FFCFFF

 350027

 FFE0FF

 120010

 000000

 BD42A1

 BD42A1

 BD2F9D

 BD55A5

 BD1C98

 BD68AA

 BD0994

 BD7BAE

 BD0092

 BD8EB2

 BDA1B7

 BDB3BB

 BDC6BF

 BDD9C3

 BDECC8

Harmonies

Analogous

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



815FCD



BD42A1



D3336A

Triad

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



BD42A1



817500



008BB3

Complementary

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



BD42A1



42BD5E

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.



008C7E



BD42A1



468200

Square

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



BD42A1



AE6000



008944



0085D8

Rectangle

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



BD42A1



D13C47



008944



008CA3

Sweetspot

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



BD42A1



F5C4EA



5D42BD



7A5D74



FAFAFA



7A7A7A

Same Dimension

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



BD42A1



F536C9



BD4265



5E555C



9E007A



1F0018

Inverse Universe

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



BD42A1



F536C9



42BD9A



5E555C



9E007A



1F0018

Previews

White Background



This preview shows how the Hex color BD42A1 looks on a white background.

Color Contrast Check

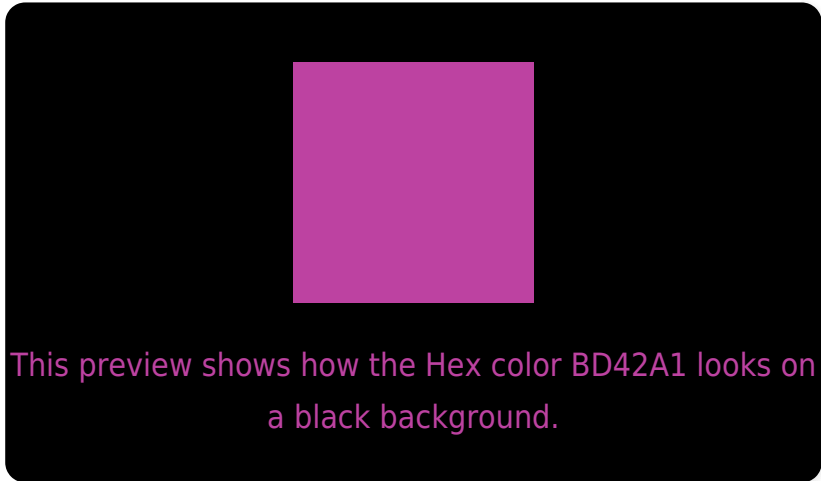
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD42A1 Background



This preview shows how black text looks on a background with the Hex color BD42A1.

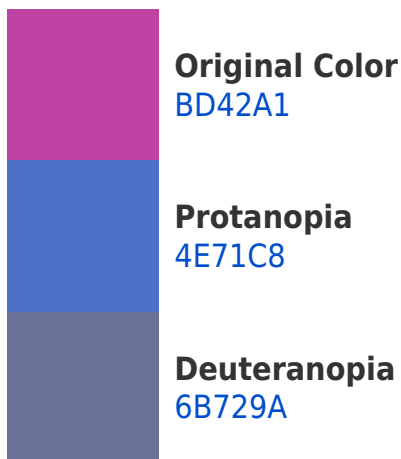


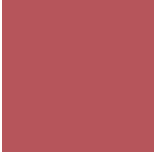
This preview shows how white text looks on a background with the Hex color BD42A1.

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
B6555B

Trichromacy



Original Color
BD42A1



Protanomaly
7660BA



Deuteranomaly
89619D



Tritanomaly
B94E74

Monochromacy



Original Color
BD42A1



Achromatopsia
727272



Achromatomaly
8D6183

CSS Examples

Text

The CSS property to change the color of the text to Hex BD42A1 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 #BD42A1 looks like.

```
.text, #text, p{  
    color:#BD42A1  
}
```

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 #BD42A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD42A1
}
```

Border

The CSS property to change the border of an element to Hex BD42A1 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
#BD42A1 }
```

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

```
.border{ border-color:#BD42A1 }
```

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

Here you see how a box with a 4 pixel #BD42A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD42A1; -webkit-box-shadow:4px 4px  
4px 4px #BD42A1; box-shadow:4px 4px 4px  
4px #BD42A1 }
```

Background

The CSS property to change the background color of an element to Hex BD42A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD42A1 }
```

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

```
.background{ background-color:#BD42A1 }
```

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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