

Converting Colors

Hex(BD42C8)

Have a look what the booklet for
Hex(BD42C8) contains.

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Color

Hex(BD42C8)

Conversions

Conversions Part 1

Format	Color
Hex	BD42C8
RGB	189, 66, 200
RGB Percent	74%, 26%, 78%
CMY	0.2588, 0.7412, 0.2157
CMYK	0.05, 0.67, 0.00, 0.22
HSL	295°, 55%, 52%
HSV	295°, 67%, 78%
XYZ	33.3598, 18.8854, 56.5306
YIQ	118.0530, 30.2940, 67.7500

Conversions

Conversions Part 2

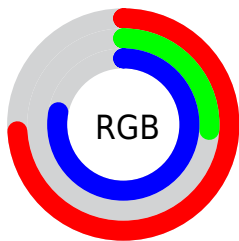
Format	Color
R_{YB}	189, 66, 200
Decimal	12403400
CIE _{Lab}	50.55, 65.83, -46.00
CIE _{LCh}	51, 80.308, 325.055
Yxy	18.8854, 0.3067, 0.1736
Android (android.graphics.Color)	4290593480 (0xFFBD42C8)
YUV	118.0530, 40.3999, 62.2205
Hunter-Lab	43.4573, 60.9744, -46.7061

Details

The Hex color **BD42C8** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted purple. A complement of this color would be **4DC842**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **F87BFF**, and **840091** is the 20% darker color. If you saturate the color by 10%, you get **BB2EC8**, and if you desaturate by 10%, it is **BF56C8**.

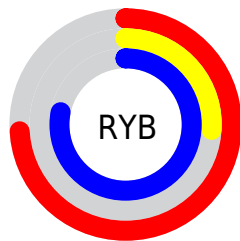
Distribution



Red (74%)

Green (26%)

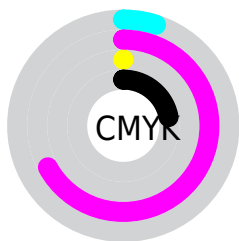
Blue (78%)



Red (74%)

Yellow (26%)

Blue (78%)

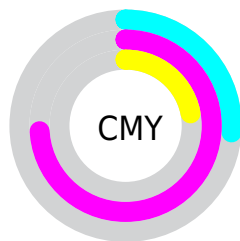


Cyan (5%)

Magenta (67%)

Yellow (0%)

Black (22%)



Cyan (26%)

Magenta (74%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD42C8 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 BD42C8 by changing the saturation by 10% instead.

 BD42C8

 BD42C8

FFFFFF

 A021AC

 F87BFF

 840091

 FF97FF

 680077

 FFB4FF

 4D005E

 FFD1FF

 340046

 FFEEFF

 14002E

 000118

 000000

 BD42C8

 BD42C8

 BB2EC8

 BF56C8

 BA1AC8

 C06AC8

 B806C8

 C27EC8

 B800C8

 C492C8

 C5A6C8

 C7BAC8

 C8CEC8

 CAE2C8

 CCF6C8

Harmonies

Analogous

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



4E6BF6



BD42C8



E80287

Triad

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



BD42C8



9C7200



0095B1

Complementary

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



BD42C8



4DC842

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.



00946A



BD42C8



5A8500

Square

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



BD42C8



CD5100



008F1E



0091E9

Rectangle

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



BD42C8



ED0859



008F1E



00959A

Sweetspot

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



BD42C8



FBCCFE



424DC8



7D6180



000000



808080

Same Dimension

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



BD42C8



EE33FF



C84290



635A63



9600A3



210024

Inverse Universe

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



C8424D



FF3344



42C87A



635A5A



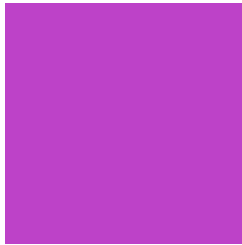
A3000D



240003

Previews

White Background



This preview shows how the Hex color BD42C8 looks on a white background.

Color Contrast Check

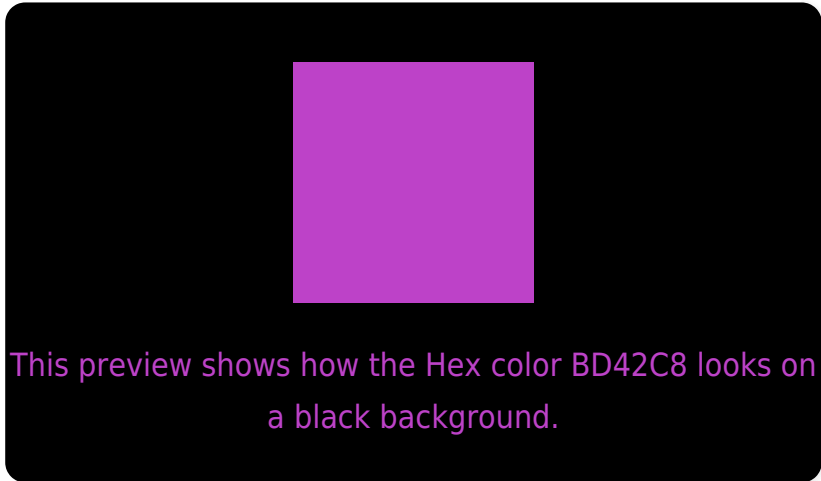
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

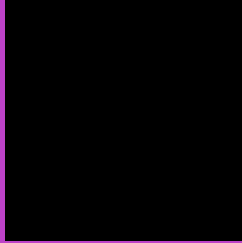
Any Text WCAG AA ✓ Pass

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 BD42C8 Background



This preview shows how black text looks on a background with the Hex color BD42C8.



This preview shows how white text looks on a background with the Hex color BD42C8.

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](#).

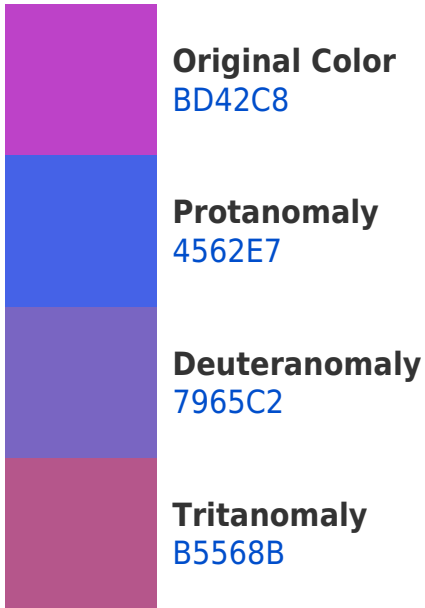
Dichromacy



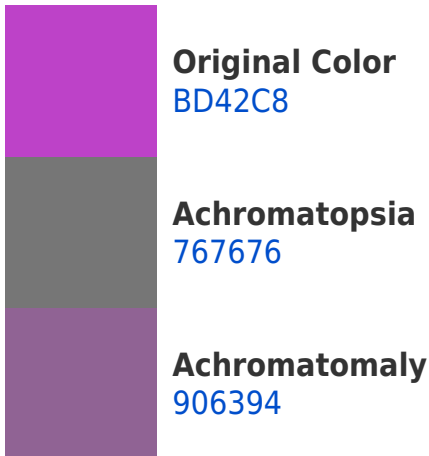


Tritanopia
B16168

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD42C8 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 #BD42C8 looks like.

```
.text, #text, p{  
  color:#BD42C8  
}
```

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 #BD42C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD42C8
}
```

Border

The CSS property to change the border of an element to Hex BD42C8 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
#BD42C8 }
```

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

```
.border{ border-color:#BD42C8 }
```

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

Here you see how a box with a 4 pixel #BD42C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD42C8; -webkit-box-shadow:4px 4px  
4px 4px #BD42C8; box-shadow:4px 4px 4px  
4px #BD42C8 }
```

Background

The CSS property to change the background color of an element to Hex BD42C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD42C8 }
```

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

```
.background{ background-color:#BD42C8 }
```

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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