

Converting Colors

Hex(BD2EA4)

Have a look what the booklet for
Hex(BD2EA4) contains.

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Color

Hex(BD2EA4)

Conversions

Conversions Part 1

Format	Color
Hex	BD2EA4
RGB	189, 46, 164
RGB Percent	74%, 18%, 64%
CMY	0.2588, 0.8196, 0.3569
CMYK	0.00, 0.76, 0.13, 0.26
HSL	310°, 61%, 46%
HSV	310°, 76%, 74%
XYZ	28.6641, 15.4531, 36.5939
YIQ	102.2090, 47.3500, 67.0140

Conversions

Conversions Part 2

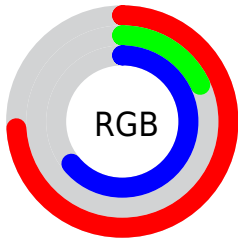
Format	Color
RYB	189, 46, 164
Decimal	12398244
CIELab	46.25, 66.99, -31.73
CIELCh	46, 74.123, 334.657
Yxy	15.4531, 0.3551, 0.1915
Android (android.graphics.Color)	4290588324 (0xFFBD2EA4)
YUV	102.2090, 30.4630, 76.1157
Hunter-Lab	39.3105, 61.3638, -27.6754

Details

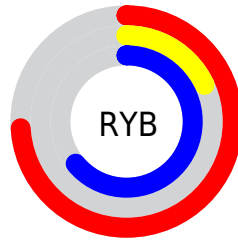
The Hex color **BD2EA4** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **2EBD47**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **F86BDB**, and **840070** is the 20% darker color. If you saturate the color by 10%, you get **BD1BA1**, and if you desaturate by 10%, it is **BD41A7**.

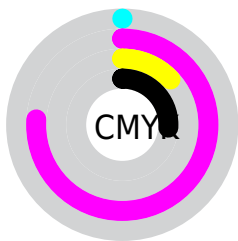
Distribution



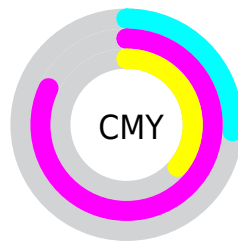
- Red (74%)
- Green (18%)
- Blue (64%)



- Red (74%)
- Yellow (18%)
- Blue (64%)



- Cyan (0%)
- Magenta (76%)
- Yellow (13%)
- Black (26%)



- Cyan (26%)
- Magenta (82%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD2EA4 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 BD2EA4 by changing the saturation by 10% instead.

 BD2EA4

 BD2EA4

FFFFFF

 A00089

 F86BDB

 840070

 FF87F8

 680057

 FFA4FF

 4C003F

 FFC1FF

 320029

 FFDEFF

 0B0012

 FFFCFF

 000000

 BD2EA4

 BD2EA4

 BD1BA1

 BD41A7

 BD089D

 BD54AB

 BD009C

 BD67AE

 BD7AB1

 BD8DB5

 BD9FB8

 BDB2BB

 BDC5BE

 BDD8C2

Harmonies

Analogous

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



7557D5



BD2EA4



D70267

Triad

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



BD2EA4



7D6E00



0087B3

Complementary

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



BD2EA4



2EBD47

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.



008776



BD2EA4



397D00

Square

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



BD2EA4



AE5500



008434



0082DF

Rectangle

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



BD2EA4



D51F3E



008434



0088A0

Sweetspot

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



BD2EA4



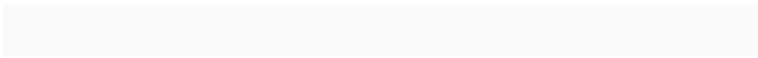
F5BCEB



462EBD



7A5874



FAFAFA



7A7A7A

Same Dimension

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



BD2EA4



F516CE



BD2E5E



5E555D



9E0082



1F0019

Inverse Universe

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



BD2EA4



F516CE



2EBD8D



5E555D



9E0082



1F0019

Previews

White Background



This preview shows how the Hex color BD2EA4 looks on a white background.

Color Contrast Check

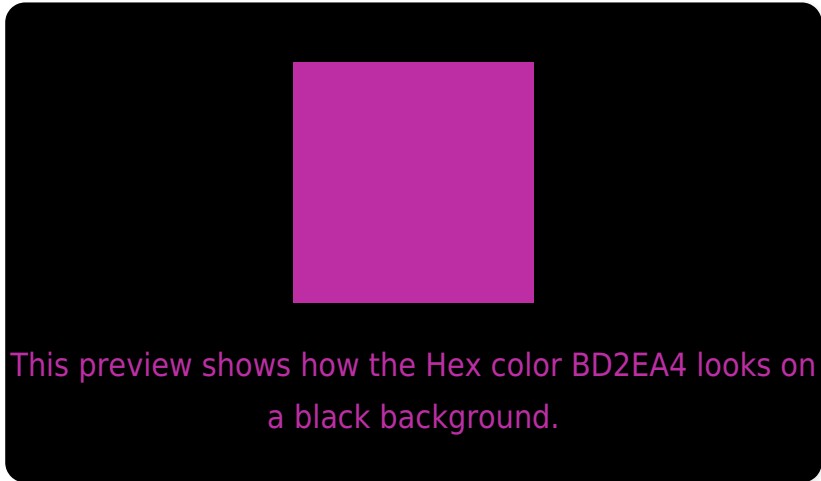
Large Text (above 18pt) WCAG AA ✓ Pass

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

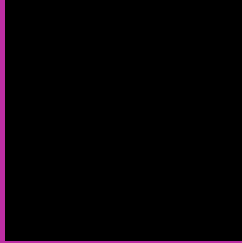
Any Text WCAG AA × Fail

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 BD2EA4 Background



This preview shows how black text looks on a background with the Hex color BD2EA4.

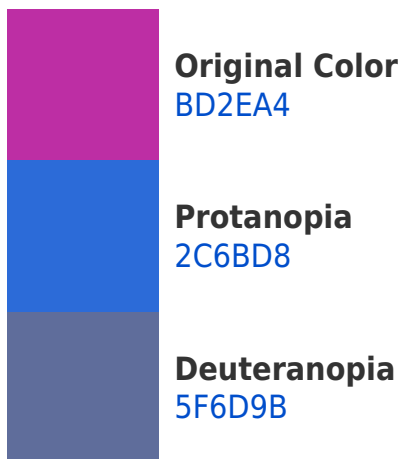



This preview shows how white text looks on a background with the Hex color BD2EA4.

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
B54B50

Trichromacy



Original Color
BD2EA4



Protanomaly
6155C5



Deuteranomaly
81569E



Tritanomaly
B8406F

Monochromacy



Original Color
BD2EA4



Achromatopsia
666666



Achromatomaly
86527D

CSS Examples

Text

The CSS property to change the color of the text to Hex BD2EA4 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 #BD2EA4 looks like.

```
.text, #text, p{  
    color:#BD2EA4  
}
```

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 #BD2EA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD2EA4
}
```

Border

The CSS property to change the border of an element to Hex BD2EA4 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
#BD2EA4 }
```

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

```
.border{ border-color:#BD2EA4 }
```

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

Here you see how a box with a 4 pixel #BD2EA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD2EA4; -webkit-box-shadow:4px 4px  
4px 4px #BD2EA4; box-shadow:4px 4px 4px  
4px #BD2EA4 }
```

Background

The CSS property to change the background color of an element to Hex BD2EA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD2EA4 }
```

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

```
.background{ background-color:#BD2EA4 }
```

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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