

Converting Colors

Hex(B24CC1)

Have a look what the booklet for
Hex(B24CC1) contains.

Hex(B24CC1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B24CC1)

Conversions

Conversions Part 1

Format	Color
Hex	B24CC1
RGB	178, 76, 193
RGB Percent	70%, 30%, 76%
CMY	0.3020, 0.7020, 0.2431
CMYK	0.08, 0.61, 0.00, 0.24
HSL	292°, 49%, 53%
HSV	292°, 61%, 76%
XYZ	30.5702, 18.4841, 52.4086
YIQ	119.8360, 23.2350, 58.0110

Conversions

Conversions Part 2

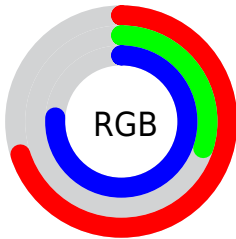
Format	Color
RYB	178, 76, 193
Decimal	11685057
CIELab	50.08, 57.76, -42.81
CIELCh	50, 71.893, 323.453
Yxy	18.4841, 0.3013, 0.1822
Android (android.graphics.Color)	4289875137 (0xFFB24CC1)
YUV	119.8360, 36.0699, 51.0098
Hunter-Lab	42.9932, 51.6840, -42.1793

Details

The Hex color **B24CC1** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **5BC14C**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **EC83FA**, and **7A0C8B** is the 20% darker color. If you saturate the color by 10%, you get **B039C1**, and if you desaturate by 10%, it is **B45FC1**.

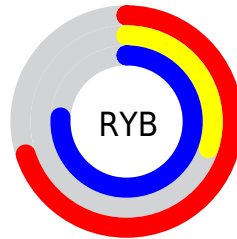
Distribution



Red (70%)

Green (30%)

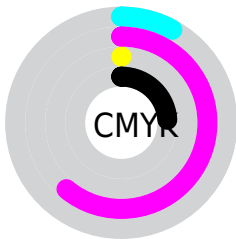
Blue (76%)



Red (70%)

Yellow (30%)

Blue (76%)

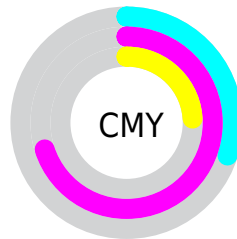


Cyan (8%)

Magenta (61%)

Yellow (0%)

Black (24%)



Cyan (30%)

Magenta (70%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color B24CC1 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 B24CC1 by changing the saturation by 10% instead.

 B24CC1

 B24CC1

FFFFFF

 9630A6

 EC83FA

 7A0C8B

 FF9EFF

 5F0071

 FFBAFF

 440058

 FFD7FF

 2D0040

 FFF4FF

 050029

 000112

 000000

 B24CC1

 B24CC1

 B039C1

 B45FC1

 AD25C1

 B773C1

 AB12C1

 B986C1

 A800C1

 BC99C1

 BEACC1

 C1C0C1

 C3D3C1

 C6E6C1

 C8FAC1

Harmonies

Analogous

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



506DE9



B24CC1



DB2B87

Triad

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



B24CC1



9C7000



0092A6

Complementary

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



B24CC1



5BC14C

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.



009167



B24CC1



628200

Square

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



B24CC1



C75409



008C26



008ED9

Rectangle

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



B24CC1



E12A5F



008C26



009292

Sweetspot

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



B24CC1



F4CDFA



4C5CC1



79617D



FCFCFC



7D7D7D

Same Dimension

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



B24CC1



E343FA



C14C96



605761



8C00A1



1D0021

Inverse Universe

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



C14C5B



FA435B



4CC177



615758



A10015



210004

Previews

White Background



This preview shows how the Hex color B24CC1 looks on a white background.

Color Contrast Check

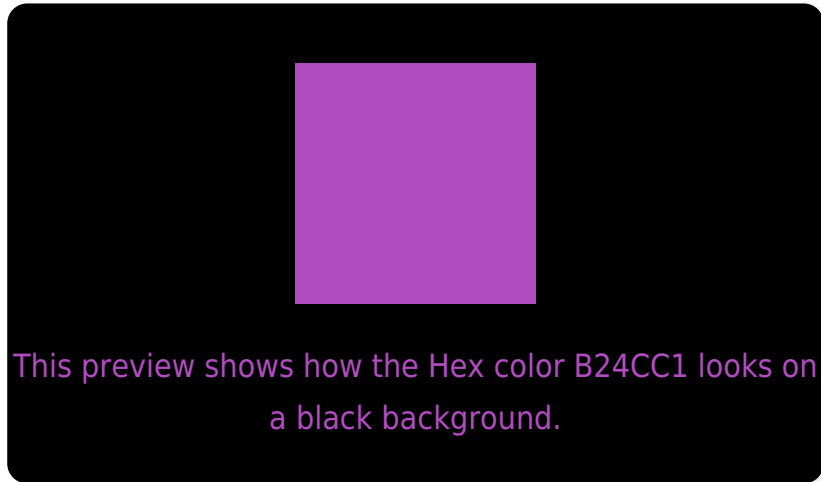
Large Text (above 18pt) WCAG AA ✓ Pass

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

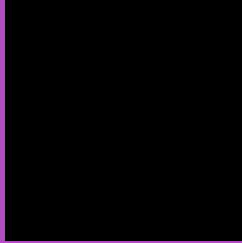
Any Text WCAG AA ✓ Pass

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 B24CC1 Background



This preview shows how black text looks on a background with the Hex color B24CC1.

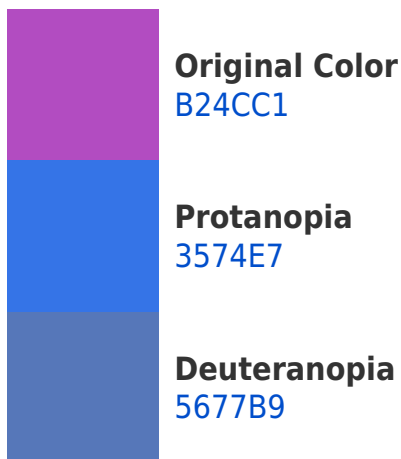



This preview shows how white text looks on a background with the Hex color B24CC1.

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](#).

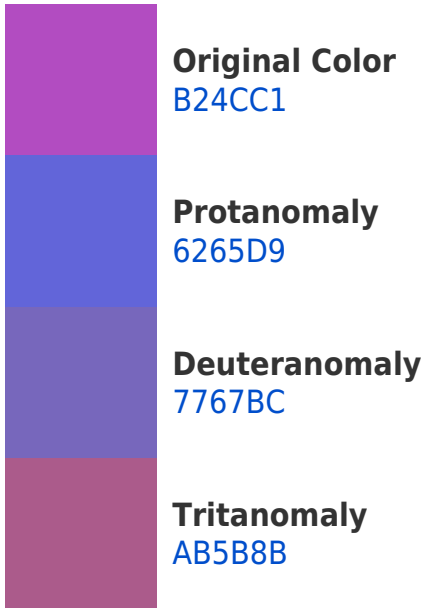
Dichromacy





Tritanopia
A7646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B24CC1 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 #B24CC1 looks like.

```
.text, #text, p{  
    color:#B24CC1  
}
```

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 #B24CC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B24CC1
}
```

Border

The CSS property to change the border of an element to Hex B24CC1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

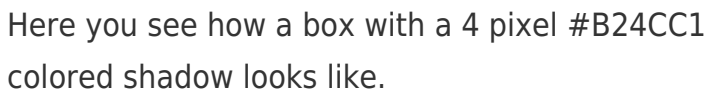
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B24CC1 }
```

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

```
.border{ border-color:#B24CC1 }
```

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



Here you see how a box with a 4 pixel #B24CC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B24CC1; -webkit-box-shadow:4px 4px  
4px 4px #B24CC1; box-shadow:4px 4px 4px  
4px #B24CC1 }
```

Background

The CSS property to change the background color of an element to Hex B24CC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B24CC1 }
```

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

```
.background{ background-color:#B24CC1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor