

# Converting Colors

Hex(B24AB8)

Have a look what the booklet for  
Hex(B24AB8) contains.

<b>Hex(B24AB8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(B24AB8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B24AB8
RGB	178, 74, 184
RGB Percent	70%, 29%, 72%
CMY	0.3020, 0.7098, 0.2784
CMYK	0.03, 0.60, 0.00, 0.28
HSL	297°, 44%, 51%
HSV	297°, 60%, 72%
XYZ	29.4606, 17.8232, 47.2349
YIQ	117.6360, 26.6740, 56.2580

# Conversions

## Conversions Part 2

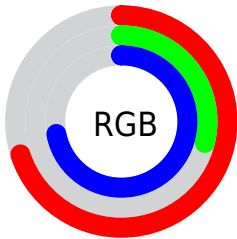
Format	Color
<a href="#">RYB</a>	<a href="#">178, 74, 184</a>
Decimal	<a href="#">11684536</a>
CIELab	<a href="#">49.28, 57.00, -38.85</a>
CIElCh	<a href="#">49, 68.976, 325.722</a>
Yxy	<a href="#">17.8232, 0.3117, 0.1886</a>
Android (android.graphics.Color)	<a href="#">4289874616 (0xFFB24AB8)</a>
YUV	<a href="#">117.6360, 32.7175, 52.9392</a>
Hunter-Lab	<a href="#">42.2176, 50.6816, -36.7840</a>

# Details

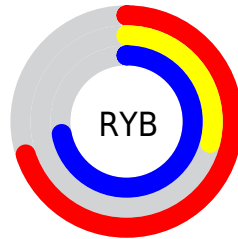
The Hex color **B24AB8** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **50B84A**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **EC81F0**, and **7A0882** is the 20% darker color. If you saturate the color by 10%, you get **B138B8**, and if you desaturate by 10%, it is **B35CB8**.

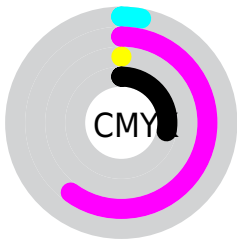
# Distribution



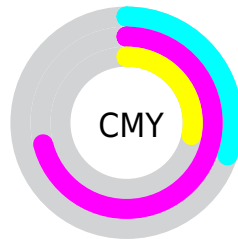
- Red (70%)
- Green (29%)
- Blue (72%)



- Red (70%)
- Yellow (29%)
- Blue (72%)



- Cyan (3%)
- Magenta (60%)
- Yellow (0%)
- Black (28%)



- Cyan (30%)
- Magenta (71%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B24AB8 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 B24AB8 by changing the saturation by 10% instead.



 B24AB8

 B24AB8

FFFFFF

 962E9D

 EC81F0

 7A0882

 FF9CFF

 5F0069

 FFB8FF

 450050

 FFD5FF

 2E0039

 FFF2FF

 030022

 000008

 000000

 B24AB8

 B24AB8

 B138B8

 B35CB8

 B025B8

 B46FB8

 AF13B8

 B581B8

 AE00B8

 B694B8

 B7A6B8

 B8B8B8

 B9CBB8

 BADDB8

 BBF0B8

# Harmonies

## Analogous

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



5C69E0



B24AB8



D62E80

# Triad

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



B24AB8



957000



008FA7

# Complementary

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



B24AB8



50B84A

# 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.



008E6B



B24AB8



5D8100

# Square

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



B24AB8



BF5607



008A2D



008BD6

# Rectangle

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



B24AB8



DB3059



008A2D



008F93



# Sweetspot

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



B24AB8



EDC5F0



4A51B8



765D78



F7F7F7



787878



# Same Dimension

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



B24AB8



E643F0



B84A88



5B535C



93009C



1B001C



# Inverse Universe

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



B84A50



F0434D



4AB87A



5C5353



9C0008



1C0002



# Previews

## White Background



This preview shows how the Hex color B24AB8 looks on a white background.

## Color Contrast Check

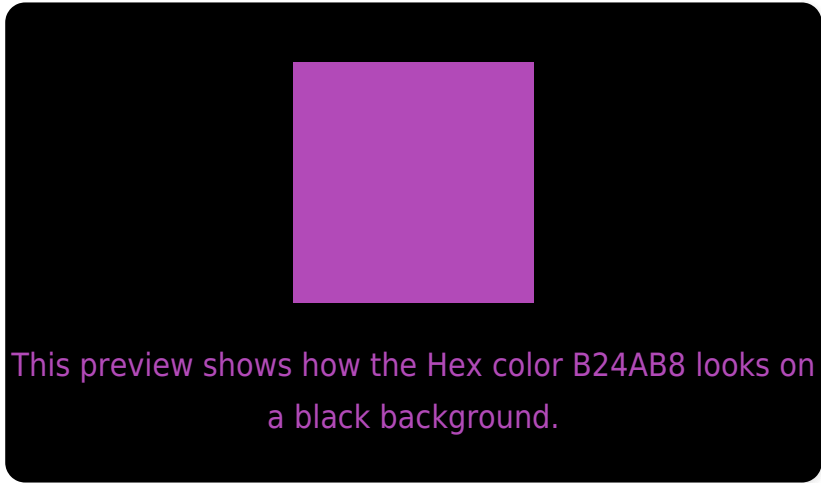
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

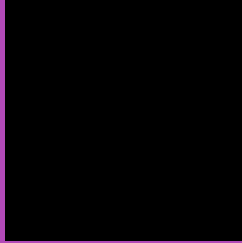
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B24AB8 Background



This preview shows how black text looks on a background with the Hex color B24AB8.

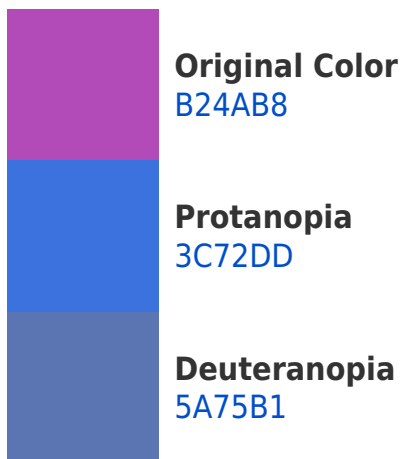


This preview shows how white text looks on a background with the Hex color B24AB8.

# 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](#).

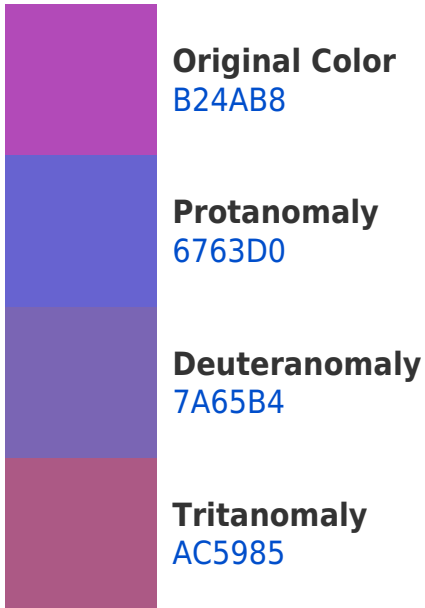
## Dichromacy



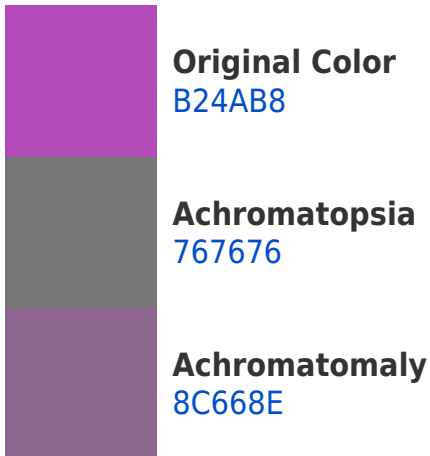


**Tritanopia**  
A86168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B24AB8 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 #B24AB8 looks like.

```
.text, #text, p{  
  color:#B24AB8  
}
```

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 #B24AB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B24AB8  
}
```

## Border

The CSS property to change the border of an element to Hex B24AB8 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  
#B24AB8 }
```

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

```
.border{ border-color:#B24AB8 }
```

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

Here you see how a box with a 4 pixel #B24AB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B24AB8; -webkit-box-shadow:4px 4px  
4px 4px #B24AB8; box-shadow:4px 4px 4px  
4px #B24AB8 }
```

# Background

The CSS property to change the background color of an element to Hex B24AB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B24AB8 }
```

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

```
.background{ background-color:#B24AB8 }
```

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