

Converting Colors

Hex(B248A2)

Have a look what the booklet for
Hex(B248A2) contains.

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Color

Hex(B248A2)

Conversions

Conversions Part 1

Format	Color
Hex	B248A2
RGB	178, 72, 162
RGB Percent	70%, 28%, 64%
CMY	0.3020, 0.7176, 0.3647
CMYK	0.00, 0.60, 0.09, 0.30
HSL	309°, 42%, 49%
HSV	309°, 60%, 70%
XYZ	27.1990, 16.7083, 35.9739
YIQ	113.9540, 34.2860, 50.4620

Conversions

Conversions Part 2

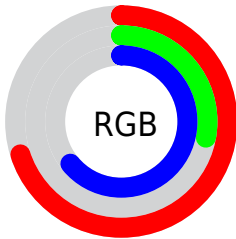
Format	Color
RYB	178, 72, 162
Decimal	11684002
CIELab	47.89, 54.10, -28.11
CIELCh	48, 60.966, 332.546
Yxy	16.7083, 0.3405, 0.2092
Android (android.graphics.Color)	4289874082 (0xFFB248A2)
YUV	113.9540, 23.6867, 56.1683
Hunter-Lab	40.8758, 47.2423, -23.5667

Details

The Hex color **B248A2** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **48B258**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **EC7ED9**, and **7A066E** is the 20% darker color. If you saturate the color by 10%, you get **B2369F**, and if you desaturate by 10%, it is **B25AA5**.

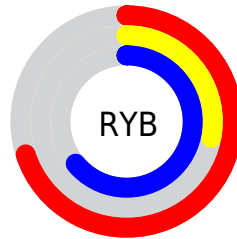
Distribution



Red (70%)

Green (28%)

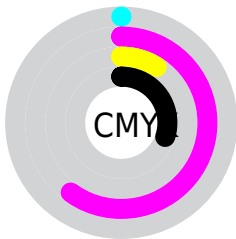
Blue (64%)



Red (70%)

Yellow (28%)

Blue (64%)

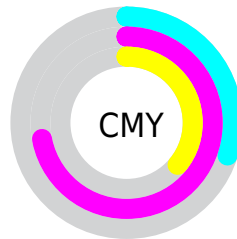


Cyan (0%)

Magenta (60%)

Yellow (9%)

Black (30%)



Cyan (30%)

Magenta (72%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color B248A2 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 B248A2 by changing the saturation by 10% instead.

 B248A2

 B248A2

FFFFFF

 962C88

 EC7ED9

 7A066E

 FF9AF6

 5F0055

 FFB6FF

 45003E

 FFD2FF

 2E0028

 FFEFFF

 000010

 000000

 B248A2

 B248A2

 B2369F

 B25AA5

 B2249D

 B26CA7

 B2139A

 B27DAA

 B20197

 B28FAD

 B20097

 B2A1AF

 B2B3B2

 B2C5B5

 B2D6B7

 B2E8BA

Harmonies

Analogous

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



7562C9



B248A2



CB386F

Triad

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



B248A2



857100



0088A8

Complementary

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



B248A2



48B258

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.



008975



B248A2



507E04

Square

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



B248A2



AD5D0A



00863F



0083CD

Rectangle

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



B248A2



CB3E4E



00863F



008998

Sweetspot

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



B248A2



E8BEE2



5848B2



755B71



F5F5F5



757575

Same Dimension

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



B248A2



E843CF



B2486D



595058



990082



1A0016

Inverse Universe

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



B248A2



E843CF



48B28D



595058



990082



1A0016

Previews

White Background



This preview shows how the Hex color B248A2 looks on a white background.

Color Contrast Check

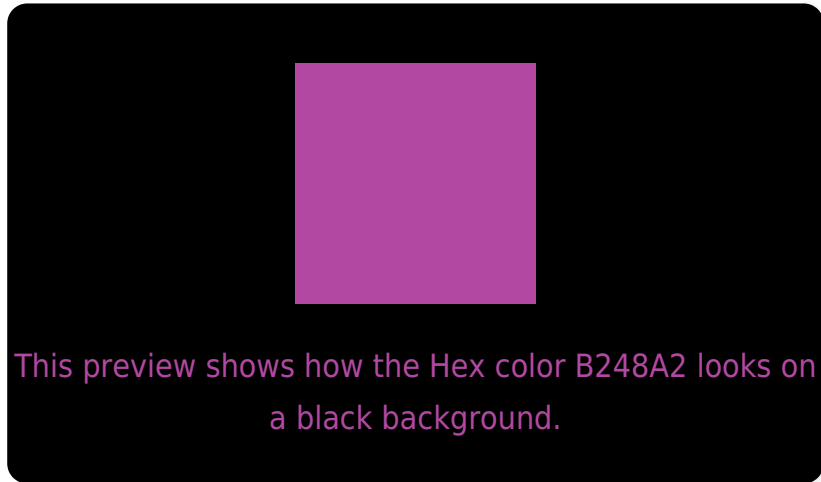
Large Text (above 18pt) WCAG AA ✓ Pass

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

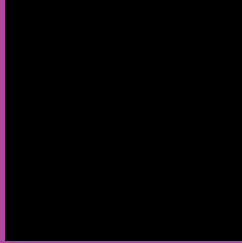
Any Text WCAG AA × Fail

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 B248A2 Background



This preview shows how black text looks on a background with the Hex color B248A2.

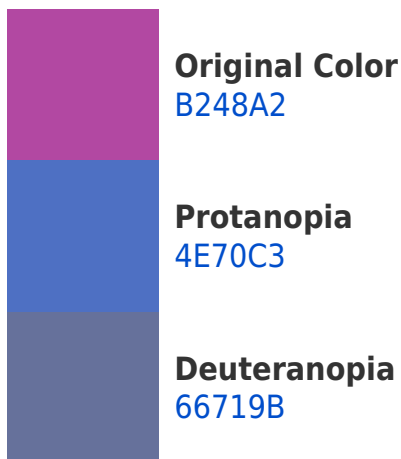


This preview shows how white text looks on a background with the Hex color B248A2.

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
AB5960

Trichromacy



Original Color
B248A2



Protanomaly
7261B7



Deuteranomaly
82629E



Tritanomaly
AE5378

Monochromacy



Original Color
B248A2



Achromatopsia
727272



Achromatomaly
896383

CSS Examples

Text

The CSS property to change the color of the text to Hex B248A2 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 #B248A2 looks like.

```
.text, #text, p{  
    color:#B248A2  
}
```

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 #B248A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B248A2
}
```

Border

The CSS property to change the border of an element to Hex B248A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

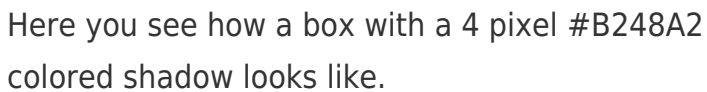
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B248A2 }
```

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

```
.border{ border-color:#B248A2 }
```

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



Here you see how a box with a 4 pixel #B248A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B248A2; -webkit-box-shadow:4px 4px  
4px 4px #B248A2; box-shadow:4px 4px 4px  
4px #B248A2 }
```

Background

The CSS property to change the background color of an element to Hex B248A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B248A2 }
```

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

```
.background{ background-color:#B248A2 }
```

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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