

Converting Colors

Hex(B238A2)

Have a look what the booklet for
Hex(B238A2) contains.

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Color

Hex(**B238A2**)

Conversions

Conversions Part 1

Format	Color
Hex	B238A2
RGB	178, 56, 162
RGB Percent	70%, 22%, 64%
CMY	0.3020, 0.7804, 0.3647
CMYK	0.00, 0.69, 0.09, 0.30
HSL	308°, 52%, 46%
HSV	308°, 69%, 70%
XYZ	26.2959, 14.9020, 35.6728
YIQ	104.5620, 38.6860, 58.8300

Conversions

Conversions Part 2

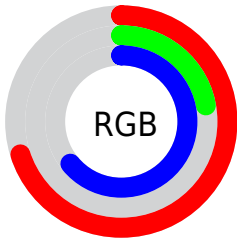
Format	Color
R_{YB}	178, 56, 162
Decimal	11679906
CIE _{Lab}	45.50, 60.72, -31.84
CIE _{LCh}	45, 68.560, 332.326
Yxy	14.9020, 0.3421, 0.1939
Android (android.graphics.Color)	4289869986 (0xFFB238A2)
YUV	104.5620, 28.3169, 64.4051
Hunter-Lab	38.6031, 54.0363, -27.7674

Details

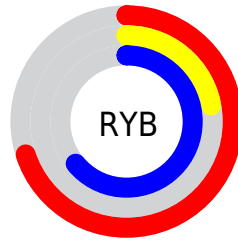
The Hex color **B238A2** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **38B248**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **EC71D9**, and **7A006E** is the 20% darker color. If you saturate the color by 10%, you get **B226A0**, and if you desaturate by 10%, it is **B24AA4**.

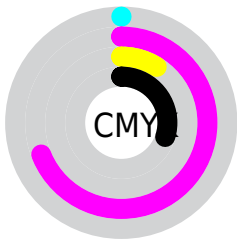
Distribution



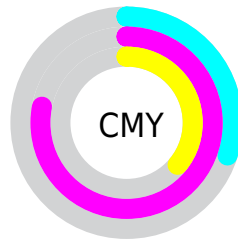
- Red (70%)
- Green (22%)
- Blue (64%)



- Red (70%)
- Yellow (22%)
- Blue (64%)



- Cyan (0%)
- Magenta (69%)
- Yellow (9%)
- Black (30%)



- Cyan (30%)
- Magenta (78%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color B238A2 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 B238A2 by changing the saturation by 10% instead.

 B238A2

 B238A2

FFFFFF

 961588

 EC71D9

 7A006E

 FF8DF6

 5E0055

 FFA9FF

 44003D

 FFC5FF

 2B0027

 FFE2FF

 000110

 000000

 B238A2

 B238A2

 B226A0

 B24AA4

 B2149D

 B25CA7

 B2039B

 B26DA9

 B2009B

 B27FAB

 B291AE

 B2A3B0

 B2B5B2

 B2C6B5

 B2D8B7

Harmonies

Analogous

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



6C5ACE



B238A2



CD1D6A

Triad

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



B238A2



7F6B00



0084A8

Complementary

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



B238A2



38B248

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.



00846F



B238A2



447900

Square

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



B238A2



AB5300



008132



007FD2

Rectangle

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



B238A2



CD2844



008132



008496

Sweetspot

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



B238A2



E8B7E2



4638B2



755871



F5F5F5



757575

Same Dimension

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



B238A2



E82ACF



B23867



595058



990085



1A0016

Inverse Universe

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



B238A2



E82ACF



38B283



595058



990085



1A0016

Previews

White Background



This preview shows how the Hex color B238A2 looks on a white background.

Color Contrast Check

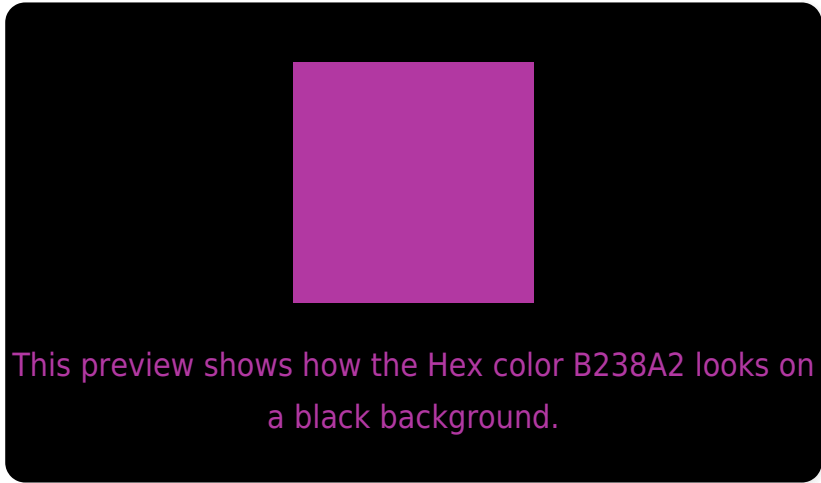
Large Text (above 18pt) WCAG AA ✓ Pass

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

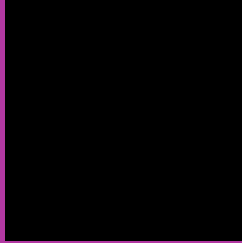
Any Text WCAG AA × Fail

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 B238A2 Background



This preview shows how black text looks on a background with the Hex color B238A2.

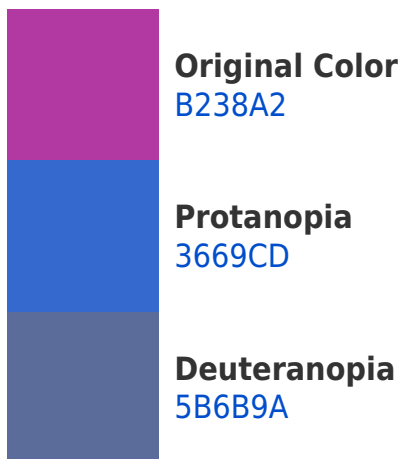


This preview shows how white text looks on a background with the Hex color B238A2.

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



Trichromacy



Original Color
B238A2



Protanomaly
6357BD



Deuteranomaly
7B589D



Tritanomaly
AD4771

Monochromacy



Original Color
B238A2



Achromatopsia
696969



Achromatomaly
84577E

CSS Examples

Text

The CSS property to change the color of the text to Hex B238A2 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 #B238A2 looks like.

```
.text, #text, p{  
    color:#B238A2  
}
```

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 #B238A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B238A2
}
```

Border

The CSS property to change the border of an element to Hex B238A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

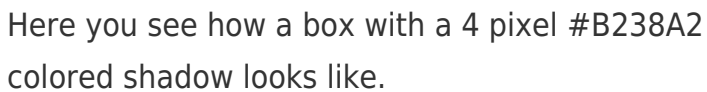
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B238A2 }
```

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

```
.border{ border-color:#B238A2 }
```

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



Here you see how a box with a 4 pixel #B238A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B238A2; -webkit-box-shadow:4px 4px  
4px 4px #B238A2; box-shadow:4px 4px 4px  
4px #B238A2 }
```

Background

The CSS property to change the background color of an element to Hex B238A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B238A2 }
```

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

```
.background{ background-color:#B238A2 }
```

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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