

Converting Colors

Hex(B758A2)

Have a look what the booklet for
Hex(B758A2) contains.

Hex(B758A2)	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(B758A2)

Conversions

Conversions Part 1

Format	Color
Hex	B758A2
RGB	183, 88, 162
RGB Percent	72%, 35%, 64%
CMY	0.2824, 0.6549, 0.3647
CMYK	0.00, 0.52, 0.11, 0.28
HSL	313°, 40%, 53%
HSV	313°, 52%, 72%
XYZ	29.5397, 19.6554, 36.4194
YIQ	124.8410, 32.8660, 43.1540

Conversions

Conversions Part 2

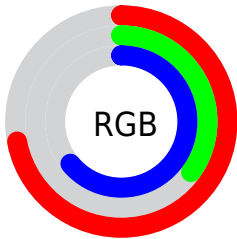
Format	Color
R_{YB}	183, 88, 162
Decimal	12015778
CIE _{Lab}	51.45, 47.97, -22.55
CIE _{LCh}	51, 53.004, 334.826
Yxy	19.6554, 0.3450, 0.2296
Android (android.graphics.Color)	4290205858 (0xFFB758A2)
YUV	124.8410, 18.3194, 51.0054
Hunter-Lab	44.3344, 41.3484, -17.6709

Details

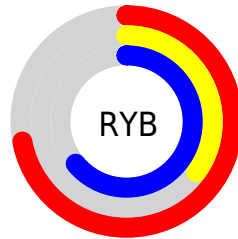
The Hex color **B758A2** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **58B76D**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **F18DD9**, and **80226E** is the 20% darker color. If you saturate the color by 10%, you get **B7469E**, and if you desaturate by 10%, it is **B76AA6**.

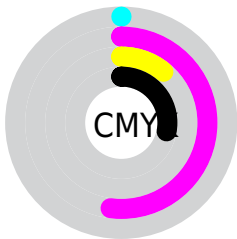
Distribution



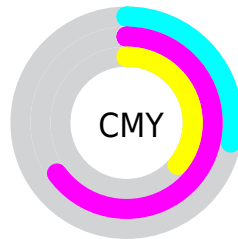
- Red (72%)
- Green (35%)
- Blue (64%)



- Red (72%)
- Yellow (35%)
- Blue (64%)



- Cyan (0%)
- Magenta (52%)
- Yellow (11%)
- Black (28%)



- Cyan (28%)
- Magenta (65%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color B758A2 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 B758A2 by changing the saturation by 10% instead.

 B758A2

 B758A2

FFFFFF

 9B3E88

 F18DD9

 80226E

 FFA9F6

 650056

 FFC5FF

 4B003E

 FFE2FF

 330028

 120012

 000000

 B758A2

 B758A2

 B7469E

 B76AA6

 B7339A

 B77DAA

 B72196

 B78FAE

 B70F92

 B7A1B2

 B7008F

 B7B3B6

 B7C6BA

 B7D8BE

 B7EAC2

 B7FDC6

Harmonies

Analogous

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



856BC5



B758A2



CC4F75

Triad

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



B758A2



8B7B13



008FAD

Complementary

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



B758A2



58B76D

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.



009081



B758A2



5C872A

Square

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



B758A2



B06A25



008D52



0089CC

Rectangle

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



B758A2



CB5357



008D52



00909F

Sweetspot

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



B758A2



EDC7E5



6D58B7



786173



F7F7F7



787878

Same Dimension

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



B758A2



ED5ACD



B75873



5C535A



9C0079



1C0016

Inverse Universe

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



B758A2



ED5ACD



58B79C



5C535A



9C0079



1C0016

Previews

White Background



This preview shows how the Hex color B758A2 looks on a white background.

Color Contrast Check

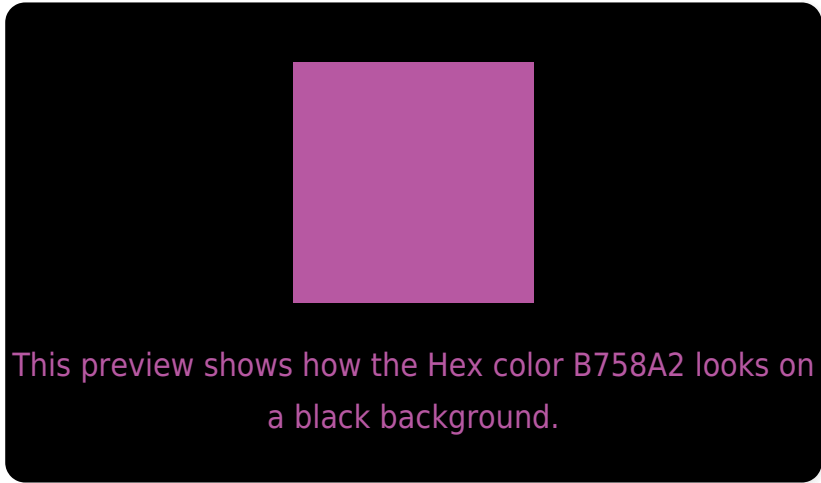
Large Text (above 18pt) WCAG AA ✓ Pass

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

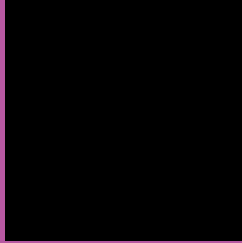
Any Text WCAG AA ✓ Pass

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 B758A2 Background



This preview shows how black text looks on a background with the Hex color B758A2.

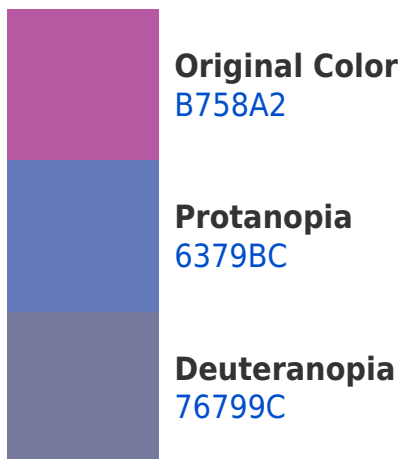



This preview shows how white text looks on a background with the Hex color B758A2.

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
B1646C

Trichromacy



Original Color
B758A2



Protanomaly
826DB3



Deuteranomaly
8E6D9E



Tritanomaly
B36080

Monochromacy



Original Color
B758A2



Achromatopsia
7D7D7D



Achromatomaly
92708A

CSS Examples

Text

The CSS property to change the color of the text to Hex B758A2 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 #B758A2 looks like.

```
.text, #text, p{  
    color:#B758A2  
}
```

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 #B758A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B758A2
}
```

Border

The CSS property to change the border of an element to Hex B758A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

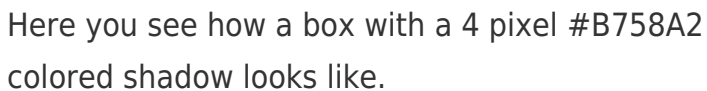
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B758A2 }
```

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

```
.border{ border-color:#B758A2 }
```

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



Here you see how a box with a 4 pixel #B758A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B758A2; -webkit-box-shadow:4px 4px  
4px 4px #B758A2; box-shadow:4px 4px 4px  
4px #B758A2 }
```

Background

The CSS property to change the background color of an element to Hex B758A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B758A2 }
```

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

```
.background{ background-color:#B758A2 }
```

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