

Converting Colors

Hex(B959A8)

Have a look what the booklet for
Hex(B959A8) contains.

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Color

Hex(B959A8)

Conversions

Conversions Part 1

Format	Color
Hex	B959A8
RGB	185, 89, 168
RGB Percent	73%, 35%, 66%
CMY	0.2745, 0.6510, 0.3412
CMYK	0.00, 0.52, 0.09, 0.27
HSL	311°, 41%, 54%
HSV	311°, 52%, 73%
XYZ	30.6478, 20.2862, 39.3461
YIQ	126.7100, 31.8570, 44.9210

Conversions

Conversions Part 2

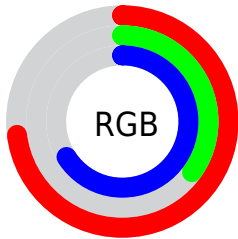
Format	Color
R_{YB}	185, 89, 168
Decimal	12147112
CIE _{Lab}	52.16, 49.08, -24.94
CIE _{LCh}	52, 55.049, 333.062
Yxy	20.2862, 0.3395, 0.2247
Android (android.graphics.Color)	4290337192 (0xFFB959A8)
YUV	126.7100, 20.3560, 51.1203
Hunter-Lab	45.0402, 42.6409, -20.2663

Details

The Hex color **B959A8** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **59B96A**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **F38FDF**, and **812374** is the 20% darker color. If you saturate the color by 10%, you get **B946A5**, and if you desaturate by 10%, it is **B96BAB**.

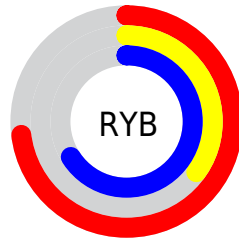
Distribution



Red (73%)

Green (35%)

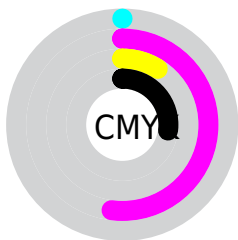
Blue (66%)



Red (73%)

Yellow (35%)

Blue (66%)

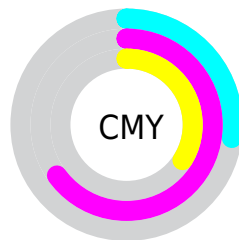


Cyan (0%)

Magenta (52%)

Yellow (9%)

Black (27%)



Cyan (27%)

Magenta (65%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color B959A8 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 B959A8 by changing the saturation by 10% instead.

 B959A8

 B959A8

FFFFFF

 9D3F8D

 F38FDF

 812374

 FFAAFC

 67005B

 FFC6FF

 4C0043

 FFE3FF

 35002D

 160017

 000000

 B959A8

 B959A8

 B946A5

 B96BAB

 B934A1

 B97EAF

 B9219E

 B991B2

 B90F9B

 B9A3B5

 B90098

 B9B5B8

 B9C8BC

 B9DBBF

 B9EDC2

 B9FFC5

Harmonies

Analogous

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



836ECC



B959A8



D04E7A

Triad

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



B959A8



907C0E



0092AF

Complementary

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



B959A8



59B96A

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.



009380



B959A8



5F8825

Square

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



B959A8



B56A25



00904F



008CD0

Rectangle

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



B959A8



D1525A



00904F



0093A0

Sweetspot

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



B959A8



F0C9E9



6959B9



786174



F7F7F7



787878

Same Dimension

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



B959A8



F05BD5



B95979



5C535A



9C0080



1C0017

Inverse Universe

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



B959A8



F05BD5



59B999



5C535A



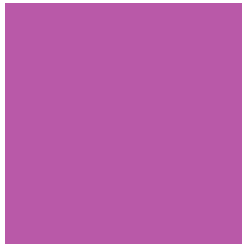
9C0080



1C0017

Previews

White Background



This preview shows how the Hex color B959A8 looks on a white background.

Color Contrast Check

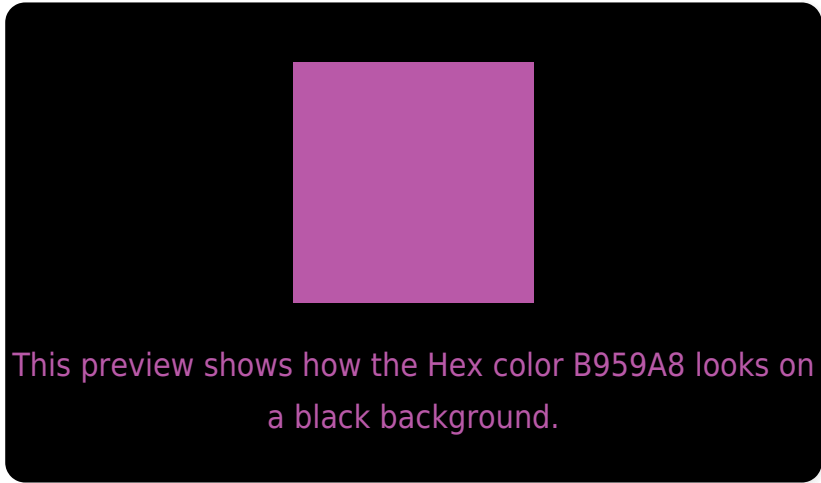
Large Text (above 18pt) WCAG AA ✓ Pass

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

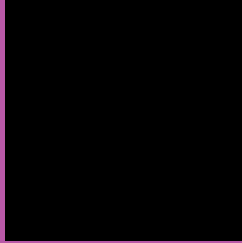
Any Text WCAG AA ✓ Pass

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 B959A8 Background



This preview shows how black text looks on a background with the Hex color B959A8.

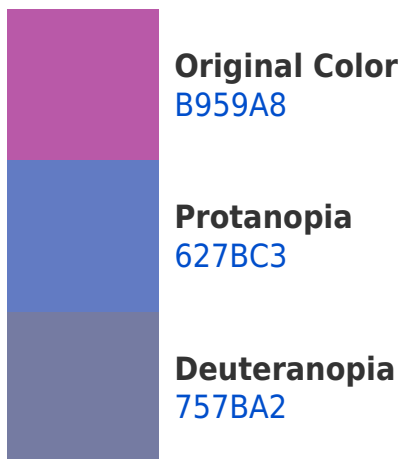


This preview shows how white text looks on a background with the Hex color B959A8.

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
B3676E

Trichromacy



Original Color
B959A8



Protanomaly
826FB9



Deuteranomaly
8E6FA4



Tritanomaly
B56283

Monochromacy



Original Color
B959A8



Achromatopsia
7F7F7F



Achromatomaly
94718E

CSS Examples

Text

The CSS property to change the color of the text to Hex B959A8 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 #B959A8 looks like.

```
.text, #text, p{  
    color:#B959A8  
}
```

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 #B959A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B959A8
}
```

Border

The CSS property to change the border of an element to Hex B959A8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

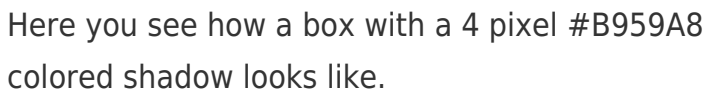
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B959A8 }
```

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

```
.border{ border-color:#B959A8 }
```

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



Here you see how a box with a 4 pixel #B959A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B959A8; -webkit-box-shadow:4px 4px  
4px 4px #B959A8; box-shadow:4px 4px 4px  
4px #B959A8 }
```

Background

The CSS property to change the background color of an element to Hex B959A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B959A8 }
```

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

```
.background{ background-color:#B959A8 }
```

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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