

Converting Colors

Hex(B581AA)

Have a look what the booklet for
Hex(B581AA) contains.

Hex(B581AA)	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(B581AA)

Conversions

Conversions Part 1

Format	Color
Hex	B581AA
RGB	181, 129, 170
RGB Percent	71%, 51%, 67%
CMY	0.2902, 0.4941, 0.3333
CMYK	0.00, 0.29, 0.06, 0.29
HSL	313°, 26%, 61%
HSV	313°, 29%, 71%
XYZ	34.1620, 28.4266, 41.7165
YIQ	149.2220, 17.8310, 23.7750

Conversions

Conversions Part 2

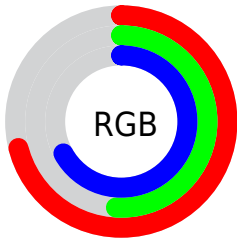
Format	Color
RYB	181, 129, 170
Decimal	11895210
CIELab	60.27, 26.74, -13.76
CIElCh	60, 30.071, 332.776
Yxy	28.4266, 0.3275, 0.2725
Android (android.graphics.Color)	4290085290 (0xFFB581AA)
YUV	149.2220, 10.2436, 27.8693
Hunter-Lab	53.3166, 21.0680, -9.0688

Details

The Hex color **B581AA** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **81B58C**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **EDB6E1**, and **7F4F76** is the 20% darker color. If you saturate the color by 10%, you get **B56FA6**, and if you desaturate by 10%, it is **B593AE**.

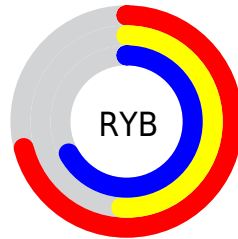
Distribution



Red (71%)

Green (51%)

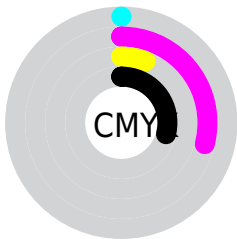
Blue (67%)



Red (71%)

Yellow (51%)

Blue (67%)

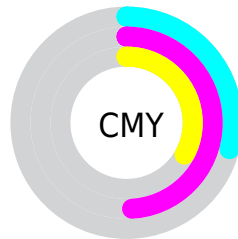


Cyan (0%)

Magenta (29%)

Yellow (6%)

Black (29%)



Cyan (29%)

Magenta (49%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color B581AA 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 B581AA by changing the saturation by 10% instead.

 B581AA

 B581AA

FFFFFF

 9A688F

 EDB6E1

 7F4F76

 FFD2FE

 66375D

 FFEFFF

 4D2045

 35092F

 23001B

 000000

 B581AA

 B581AA

 B56FA6

 B593AE

 B55DA2

 B5A5B2

 B54B9F

 B5B7B5

 B5399B

 B5C9B9

 B52797

 B5DBBD

 B51493

 B5EEC1

 B5028F

 B5FFC5

 B5008F

 B5FFC9

 B5FFCC

Harmonies

Analogous

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



988ABE



B581AA



C47D90

Triad

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



B581AA



A1905C



339FAD

Complementary

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



B581AA



81B58C

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.



45A093



B581AA



859864

Square

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



B581AA



B78763



659D78



489AC0

Rectangle

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



B581AA



C67E7E



659D78



359FA5

Sweetspot

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



B581AA



EBD5E6



8B81B5



756873



F5F5F5



757575

Same Dimension

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



B581AA



EB9BDA



B58191



595057



990079



1A0014

Inverse Universe

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



B581AA



EB9BDA



81B5A5



595057



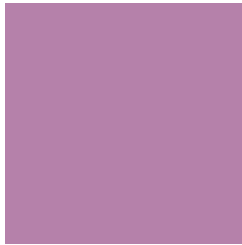
990079



1A0014

Previews

White Background



This preview shows how the Hex color B581AA looks on a white background.

Color Contrast Check

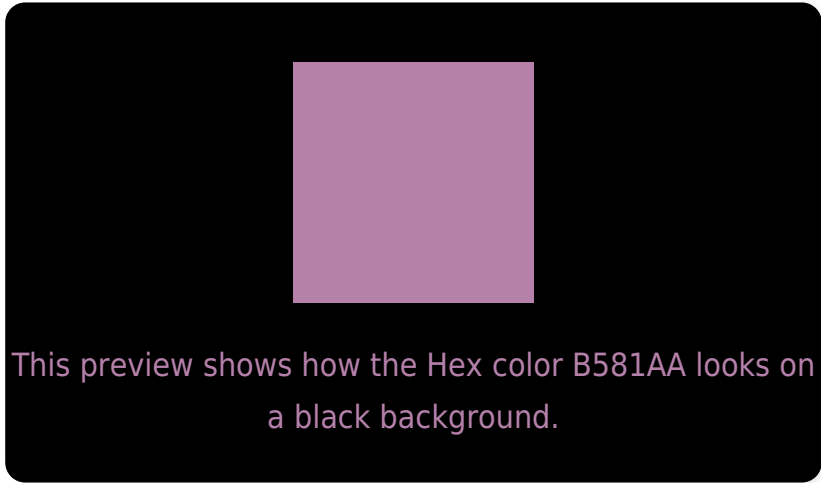
Large Text (above 18pt) WCAG AA ✓ Pass

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

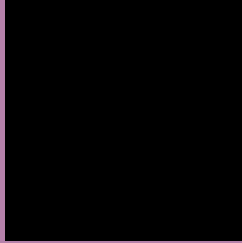
Any Text WCAG AA ✓ Pass

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 B581AA Background



This preview shows how black text looks on a background with the Hex color B581AA.



This preview shows how white text looks on a background with the Hex color B581AA.

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



Original Color
B581AA

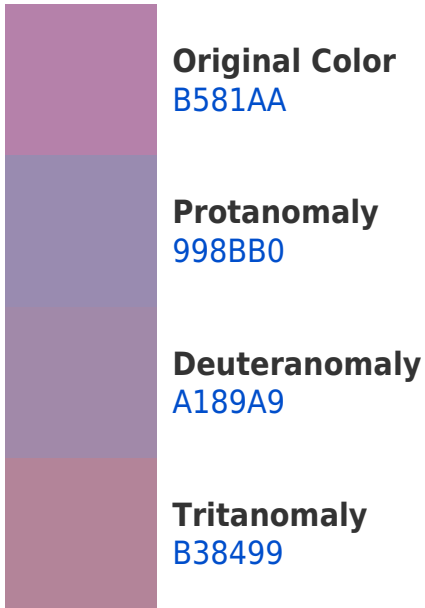
Protanopia
8990B4

Deuteranopia
958EA8



Tritanopia
B28690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B581AA 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 #B581AA looks like.

```
.text, #text, p{  
    color:#B581AA  
}
```

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 #B581AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B581AA
}
```

Border

The CSS property to change the border of an element to Hex B581AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

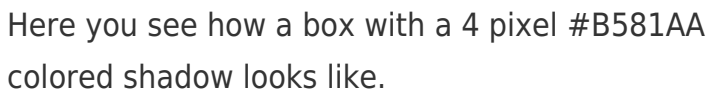
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B581AA }
```

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

```
.border{ border-color:#B581AA }
```

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



Here you see how a box with a 4 pixel #B581AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B581AA; -webkit-box-shadow:4px 4px  
4px 4px #B581AA; box-shadow:4px 4px 4px  
4px #B581AA }
```

Background

The CSS property to change the background color of an element to Hex B581AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B581AA }
```

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

```
.background{ background-color:#B581AA }
```

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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