

Converting Colors

Hex(B58AE3)

Have a look what the booklet for
Hex(B58AE3) contains.

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Color

Hex(B58AE3)

Conversions

Conversions Part 1

Format	Color
Hex	B58AE3
RGB	181, 138, 227
RGB Percent	71%, 54%, 89%
CMY	0.2902, 0.4588, 0.1098
CMYK	0.20, 0.39, 0.00, 0.11
HSL	269°, 61%, 72%
HSV	269°, 39%, 89%
XYZ	42.0097, 33.5468, 76.9341
YIQ	161.0030, -2.9410, 36.7950

Conversions

Conversions Part 2

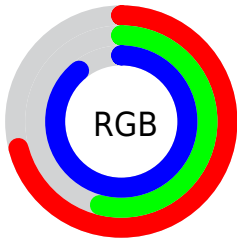
Format	Color
RYB	181, 138, 227
Decimal	11897571
CIELab	64.60, 33.45, -39.17
CIELCh	65, 51.506, 310.497
Yxy	33.5468, 0.2755, 0.2200
Android (android.graphics.Color)	4290087651 (0xFFB58AE3)
YUV	161.0030, 32.5365, 17.5374
Hunter-Lab	57.9196, 28.1086, -38.2107

Details

The Hex color **B58AE3** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B8E38A**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **EEC0FF**, and **7E57AB** is the 20% darker color. If you saturate the color by 10%, you get **A973E3**, and if you desaturate by 10%, it is **C1A1E3**.

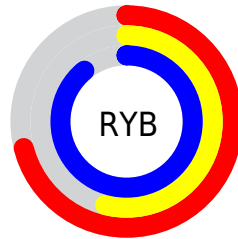
Distribution



Red (71%)

Green (54%)

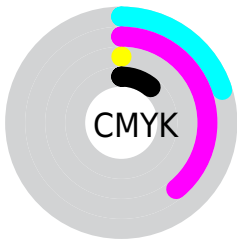
Blue (89%)



Red (71%)

Yellow (54%)

Blue (89%)

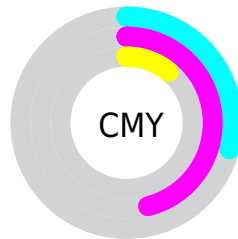


Cyan (20%)

Magenta (39%)

Yellow (0%)

Black (11%)



Cyan (29%)

Magenta (46%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B58AE3 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 B58AE3 by changing the saturation by 10% instead.

 B58AE3

 B58AE3

FFFFFF

 9970C7

 EEC0FF


 7E57AB

 FFDCFF

 643F90

 FFF9FF

 4A2876

 31115D

 180045

 00002E

 000118

 000000

 B58AE3

 B58AE3

 A973E3

 C1A1E3

 9E5DE3

 CCB7E3

 9246E3

 D8CEE3

 862FE3

 E4E5E3

 7A18E3

 F0FCE3

 6F02E3

 FBFFE3

 6E00E3

 FFFE3

Harmonies

Analogous

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



699CF7



B58AE3



E17ABC

Triad

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



B58AE3



D08F44



00B4AC

Complementary

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



B58AE3



B8E38A

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.



26B27C



B58AE3



A89F3D

Square

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



B58AE3



EB7E63



75AB54



00B2D7

Rectangle

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



B58AE3



F0759E



75AB54



00B49C

Sweetspot

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



B58AE3



EFE0FF



8AB9E3



766E80



000000



808080

Same Dimension

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



B58AE3



C187FF



E08AE3



6D6773



5600B3



190033

Inverse Universe

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



E38AB8



FF87C5



8DE38A



73676D



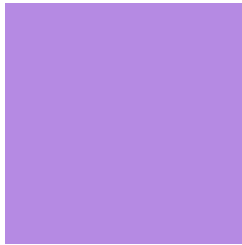
B3005C



33001A

Previews

White Background



This preview shows how the Hex color B58AE3 looks on a white background.

Color Contrast Check

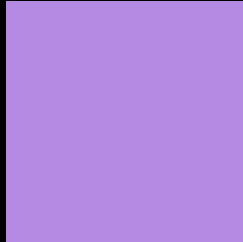
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B58AE3 looks on a 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B58AE3 Background



This preview shows how black text looks on a background with the Hex color B58AE3.

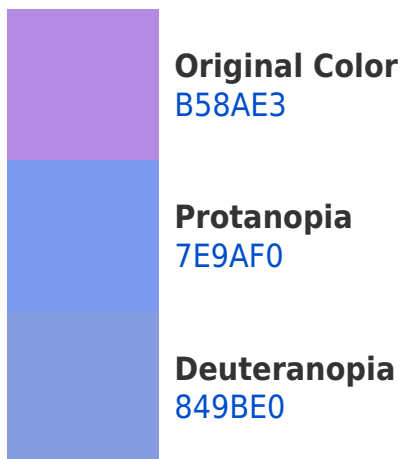


This preview shows how white text looks on a background with the Hex color B58AE3.

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](#).

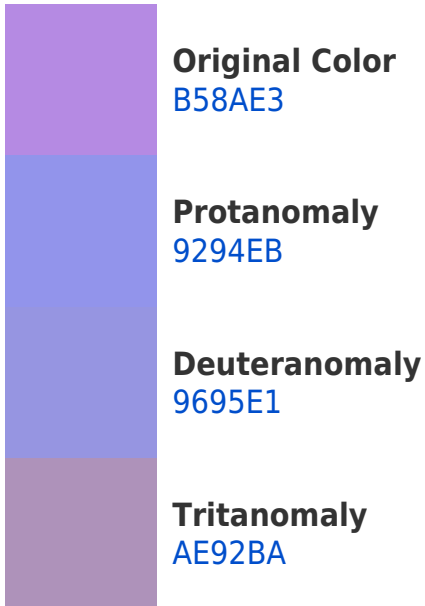
Dichromacy



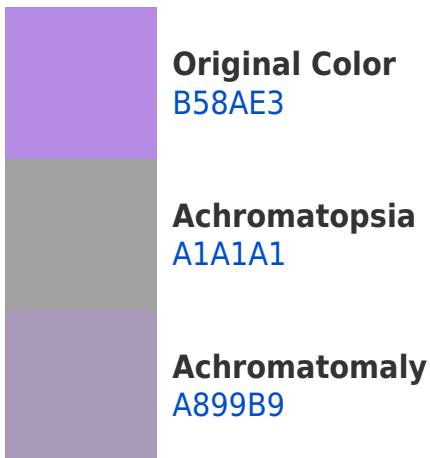


Tritanopia
AA97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B58AE3 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 #B58AE3 looks like.

```
.text, #text, p{  
    color:#B58AE3  
}
```

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 #B58AE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B58AE3
}
```

Border

The CSS property to change the border of an element to Hex B58AE3 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
#B58AE3 }
```

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

```
.border{ border-color:#B58AE3 }
```

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

Here you see how a box with a 4 pixel #B58AE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B58AE3; -webkit-box-shadow:4px 4px  
4px 4px #B58AE3; box-shadow:4px 4px 4px  
4px #B58AE3 }
```

Background

The CSS property to change the background color of an element to Hex B58AE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B58AE3 }
```

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

```
.background{ background-color:#B58AE3 }
```

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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