

Converting Colors

Hex(B578E2)

Have a look what the booklet for
Hex(B578E2) contains.

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Color

Hex(B578E2)

Conversions

Conversions Part 1

Format	Color
Hex	B578E2
RGB	181, 120, 226
RGB Percent	71%, 47%, 89%
CMY	0.2902, 0.5294, 0.1137
CMYK	0.20, 0.47, 0.00, 0.11
HSL	275°, 65%, 68%
HSV	275°, 47%, 89%
XYZ	39.5000, 28.7477, 75.4185
YIQ	150.3230, 2.3300, 45.8980

Conversions

Conversions Part 2

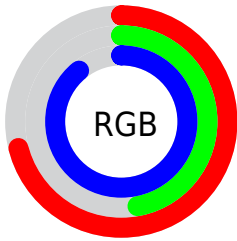
Format	Color
RYB	181, 120, 226
Decimal	11892962
CIELab	60.56, 43.13, -44.96
CIELCh	61, 62.306, 313.812
Yxy	28.7477, 0.2749, 0.2001
Android (android.graphics.Color)	4290083042 (0xFFB578E2)
YUV	150.3230, 37.3088, 26.9037
Hunter-Lab	53.6169, 37.6729, -45.8666

Details

The Hex color **B578E2** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A5E278**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **EFAEFF**, and **7E45AA** is the 20% darker color. If you saturate the color by 10%, you get **AB61E2**, and if you desaturate by 10%, it is **BF8FE2**.

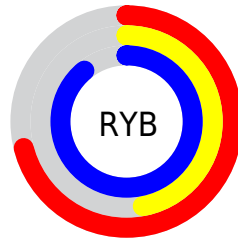
Distribution



Red (71%)

Green (47%)

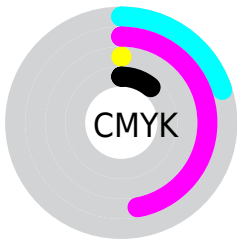
Blue (89%)



Red (71%)

Yellow (47%)

Blue (89%)

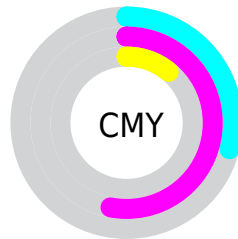


Cyan (20%)

Magenta (47%)

Yellow (0%)

Black (11%)



Cyan (29%)

Magenta (53%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B578E2 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 B578E2 by changing the saturation by 10% instead.

 B578E2

 B578E2

FFFFFF

 995EC6

 EFAEFF

 7E45AA

 FFC9FF

 632C8F

 FFE6FF

 481275

 2E005C

 180044

 00012C

 000117

 000000

 B578E2

 B578E2

 AB61E2

 BF8FE2

 A24BE2

 C8A5E2

 9834E2

 D2BCE2

 8F1EE2

 DBD2E2

 8507E2

 E5E9E2

 8200E2

 EFFF E2

 F8FF E2

 FFFF E2

Harmonies

Analogous

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



5290FD



B578E2



E662B2

Triad

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



B578E2



C6841E



00ACAB

Complementary

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



B578E2



A5E278

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.



00AA71



B578E2



969714

Square

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



B578E2



E86E48



57A43D



00A9DD

Rectangle

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



B578E2



F45C8D



57A43D



00AC98

Sweetspot

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



B578E2



F0DBFF



78A6E2



766A80



000000



808080

Same Dimension

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



B578E2



C270FF



E278DB



6B6570



6500B0



1C0030

Inverse Universe

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



E278A5



FF70AD



78E27F



70656A



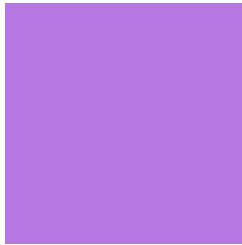
B0004B



300015

Previews

White Background



This preview shows how the Hex color B578E2 looks on a white background.

Color Contrast Check

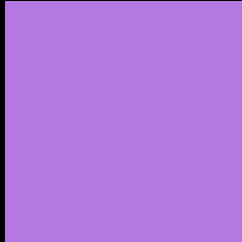
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color B578E2 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 × Fail

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

Hex B578E2 Background



This preview shows how black text looks on a background with the Hex color B578E2.




This preview shows how white text looks on a background with the Hex color B578E2.

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](#).

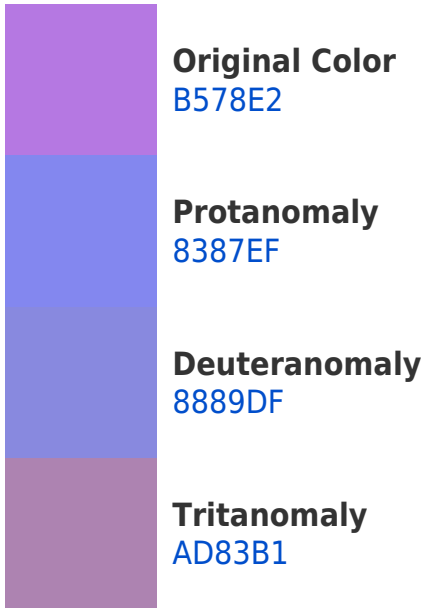
Dichromacy



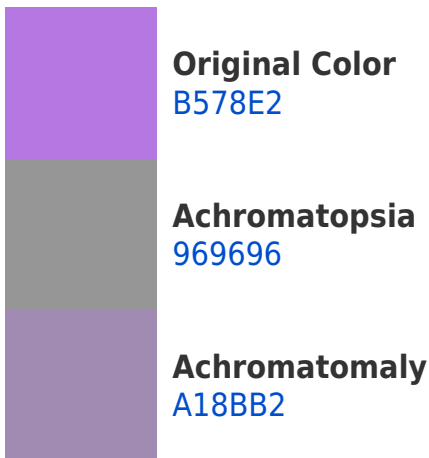


Tritanopia
A88A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B578E2 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 #B578E2 looks like.

```
.text, #text, p{  
    color:#B578E2  
}
```

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 #B578E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B578E2
}
```

Border

The CSS property to change the border of an element to Hex B578E2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

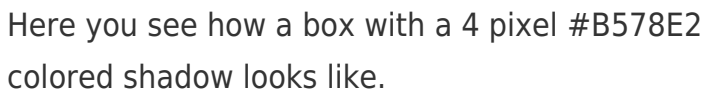
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B578E2 }
```

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

```
.border{ border-color:#B578E2 }
```

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



Here you see how a box with a 4 pixel #B578E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B578E2; -webkit-box-shadow:4px 4px  
4px 4px #B578E2; box-shadow:4px 4px 4px  
4px #B578E2 }
```

Background

The CSS property to change the background color of an element to Hex B578E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B578E2 }
```

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

```
.background{ background-color:#B578E2 }
```

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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