

Converting Colors

Hex(B586DA)

Have a look what the booklet for
Hex(B586DA) contains.

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Color

Hex(**B586DA**)

Conversions

Conversions Part 1

Format	Color
Hex	B586DA
RGB	181, 134, 218
RGB Percent	71%, 53%, 85%
CMY	0.2902, 0.4745, 0.1451
CMYK	0.17, 0.39, 0.00, 0.15
HSL	274°, 53%, 69%
HSV	274°, 39%, 85%
XYZ	40.2360, 31.9359, 70.3732
YIQ	157.6290, 1.0480, 36.0880

Conversions

Conversions Part 2

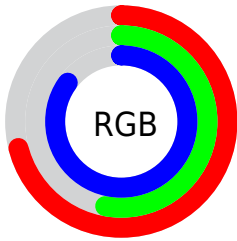
Format	Color
R_{YB}	181, 134, 218
Decimal	11896538
CIE _{Lab}	63.29, 33.66, -36.21
CIE _{LCh}	63, 49.443, 312.910
Yxy	31.9359, 0.2823, 0.2240
Android (android.graphics.Color)	4290086618 (0xFFB586DA)
YUV	157.6290, 29.7629, 20.4964
Hunter-Lab	56.5119, 28.1950, -34.2745

Details

The Hex color **B586DA** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **ABDA86**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **EEBCFF**, and **7F53A3** is the 20% darker color. If you saturate the color by 10%, you get **AB70DA**, and if you desaturate by 10%, it is **BF9CDA**.

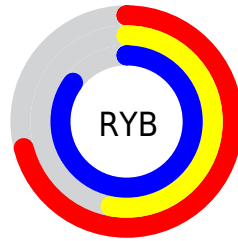
Distribution



Red (71%)

Green (53%)

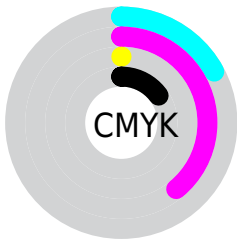
Blue (85%)



Red (71%)

Yellow (53%)

Blue (85%)

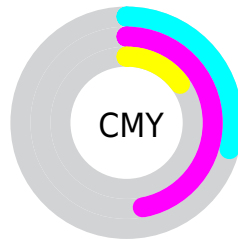


Cyan (17%)

Magenta (39%)

Yellow (0%)

Black (15%)



Cyan (29%)

Magenta (47%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color B586DA 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 B586DA by changing the saturation by 10% instead.

 B586DA

 B586DA

FFFFFF

 996CBE

 EEBCFF

 7F53A3

 FFD8FF

 643B88

 FFF4FF

 4B246E

 320C56

 1B003E

 000027

 000111

 000000

 B586DA

 B586DA

 AB70DA

 BF9CDA

 A25ADA

 C8B2DA

 9845DA

 D2C7DA

 8F2FDA

 DBDDDA

 8519DA

 E5F3DA

 7B03DA

 EFFFDA

 7A00DA

 F8FFDA

 FFFFDA

Harmonies

Analogous

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



7097EF



B586DA



DD77B4

Triad

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



B586DA



C88E43



00AFAB

Complementary

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



B586DA



ABDA86

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.



20AE7E



B586DA



A09D3F

Square

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



B586DA



E37E5F



70A856



00ADD4

Rectangle

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



B586DA



EA7397



70A856



00AF9C

Sweetspot

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



B586DA



F2E0FF



86ACDA



786E80



000000



808080

Same Dimension

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



B586DA



CB8AFF



DA86D6



69636E



6100AD



1A002E

Inverse Universe

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



DA86AB



FF8ABD



86DA8A



6E6368



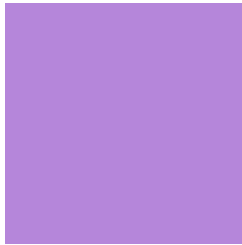
AD004C



2E0014

Previews

White Background



This preview shows how the Hex color B586DA looks on a white background.

Color Contrast Check

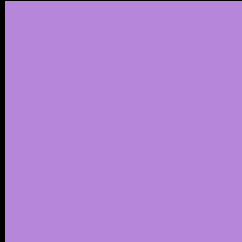
Large Text (above 18pt) WCAG AA × Fail

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 B586DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

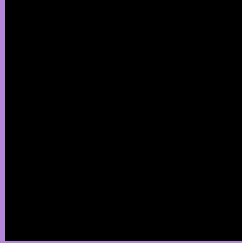
Any Text WCAG AA ✓ Pass

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 B586DA Background



This preview shows how black text looks on a background with the Hex color B586DA.

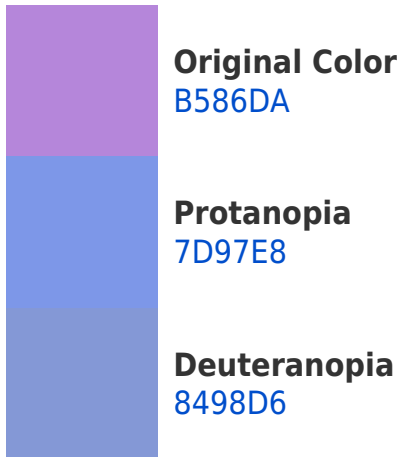



This preview shows how white text looks on a background with the Hex color B586DA.

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
AB939E

Trichromacy



Original Color
B586DA



Protanomaly
9191E3



Deuteranomaly
9691D7



Tritanomaly
AF8EB4

Monochromacy



Original Color
B586DA



Achromatopsia
9E9E9E



Achromatomaly
A695B4

CSS Examples

Text

The CSS property to change the color of the text to Hex B586DA 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 #B586DA looks like.

```
.text, #text, p{  
    color:#B586DA  
}
```

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 #B586DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B586DA
}
```

Border

The CSS property to change the border of an element to Hex B586DA is called "border". The border property can be set on classes, ids or directly on the HTML element.

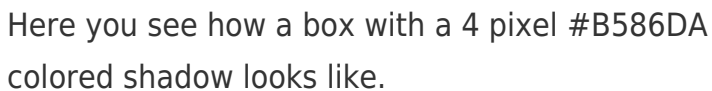
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B586DA }
```

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

```
.border{ border-color:#B586DA }
```

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



Here you see how a box with a 4 pixel #B586DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B586DA; -webkit-box-shadow:4px 4px  
4px 4px #B586DA; box-shadow:4px 4px 4px  
4px #B586DA }
```

Background

The CSS property to change the background color of an element to Hex B586DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B586DA }
```

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

```
.background{ background-color:#B586DA }
```

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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