

Converting Colors

Hex(B489D6)

Have a look what the booklet for
Hex(B489D6) contains.

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Color

Hex(B489D6)

Conversions

Conversions Part 1

Format	Color
Hex	B489D6
RGB	180, 137, 214
RGB Percent	71%, 54%, 84%
CMY	0.2941, 0.4627, 0.1608
CMYK	0.16, 0.36, 0.00, 0.16
HSL	274°, 48%, 69%
HSV	274°, 36%, 84%
XYZ	39.9056, 32.4497, 67.7785
YIQ	158.6350, 0.9110, 33.0630

Conversions

Conversions Part 2

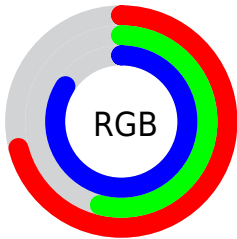
Format	Color
R_{YB}	180, 137, 214
Decimal	11831766
CIE _{Lab}	63.71, 30.81, -33.33
CIE _{LCh}	64, 45.391, 312.748
Yxy	32.4497, 0.2848, 0.2316
Android (android.graphics.Color)	4290021846 (0xFFB489D6)
YUV	158.6350, 27.2949, 18.7371
Hunter-Lab	56.9646, 25.3573, -30.6701

Details

The Hex color **B489D6** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **ABD689**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **EDBFFF**, and **7E569F** is the 20% darker color. If you saturate the color by 10%, you get **AB74D6**, and if you desaturate by 10%, it is **BD9ED6**.

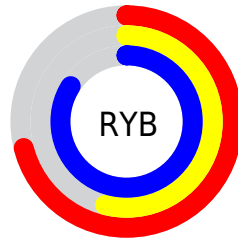
Distribution



Red (71%)

Green (54%)

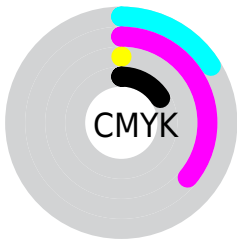
Blue (84%)



Red (71%)

Yellow (54%)

Blue (84%)

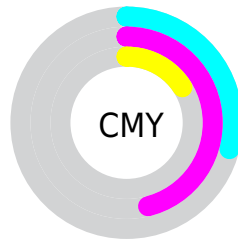


Cyan (16%)

Magenta (36%)

Yellow (0%)

Black (16%)



Cyan (29%)

Magenta (46%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color B489D6 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 B489D6 by changing the saturation by 10% instead.

 B489D6

 B489D6

FFFFFF

 996FBA

 EDBFFF

 7E569F

 FFDBFF

 643E85

 FFF8FF

 4B276B

 321152

 1B003B

 000025

 00010D

 000000

 B489D6

 B489D6

 AB74D6

 BD9ED6

 A15ED6

 C7B4D6

 9849D6

 D0C9D6

 8E33D6

 DADFD6

 851ED6

 E3F4D6

 7B09D6

 EDFFD6

 7800D6

 F6FFD6

 FFFFD6

Harmonies

Analogous

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



7799E9



B489D6



D97CB3

Triad

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



B489D6



C6904C



00AFAB

Complementary

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



B489D6



ABD689

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.



37AD81



B489D6



A29E49

Square

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



B489D6



DF8165



75A85D



00ADD0

Rectangle

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



B489D6



E57898



75A85D



00AF9D

Sweetspot

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



B489D6



F3E3FF



89ACD6



786F80



000000



808080

Same Dimension

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



B489D6



CF91FF



D689D2



66606B



5F00AB



18002B

Inverse Universe

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



D689AB



FF91C2



89D68D



6B6065



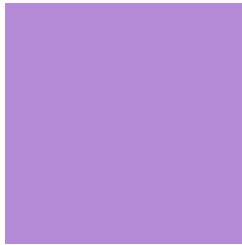
AB004B



2B0013

Previews

White Background



This preview shows how the Hex color B489D6 looks on a white background.

Color Contrast Check

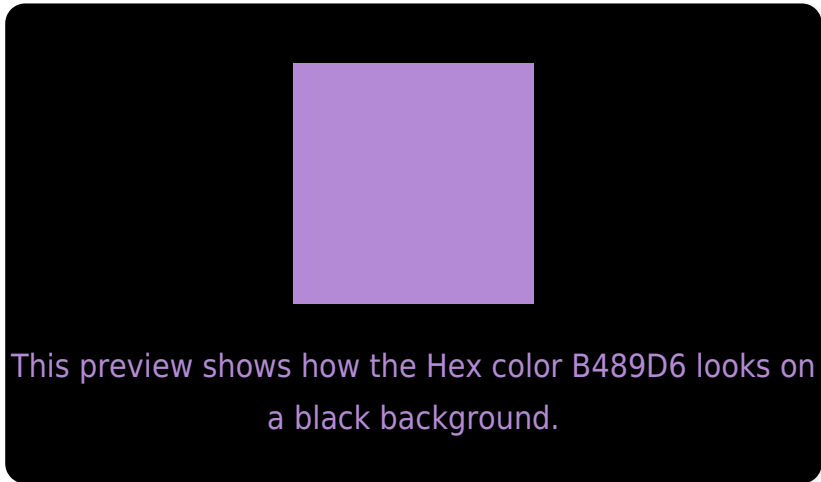
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

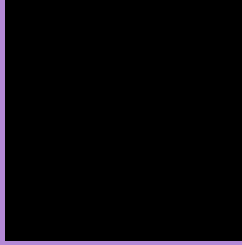
Any Text WCAG AA ✓ Pass

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 B489D6 Background



This preview shows how black text looks on a background with the Hex color B489D6.



This preview shows how white text looks on a background with the Hex color B489D6.

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](#).

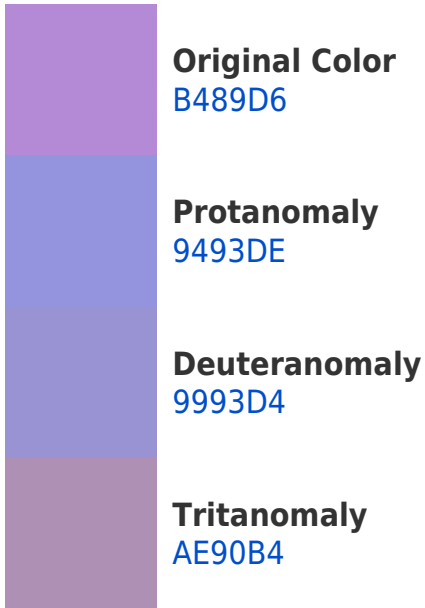
Dichromacy



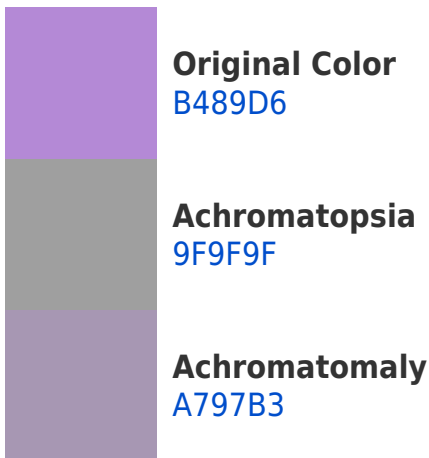


Tritanopia
AB94A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B489D6 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 #B489D6 looks like.

```
.text, #text, p{  
    color:#B489D6  
}
```

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 #B489D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B489D6
}
```

Border

The CSS property to change the border of an element to Hex B489D6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

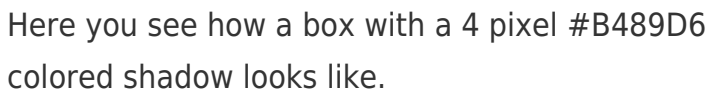
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B489D6 }
```

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

```
.border{ border-color:#B489D6 }
```

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



Here you see how a box with a 4 pixel #B489D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B489D6; -webkit-box-shadow:4px 4px  
4px 4px #B489D6; box-shadow:4px 4px 4px  
4px #B489D6 }
```

Background

The CSS property to change the background color of an element to Hex B489D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B489D6 }
```

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

```
.background{ background-color:#B489D6 }
```

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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