

# Converting Colors

Hex(B95DCB)

Have a look what the booklet for  
Hex(B95DCB) contains.

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# Color

Hex(**B95DCB**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B95DCB
RGB	185, 93, 203
RGB Percent	73%, 36%, 80%
CMY	0.2745, 0.6353, 0.2039
CMYK	0.09, 0.54, 0.00, 0.20
HSL	290°, 51%, 58%
HSV	290°, 54%, 80%
XYZ	34.7014, 22.4548, 59.0052
YIQ	133.0480, 19.5220, 53.7140

# Conversions

## Conversions Part 2

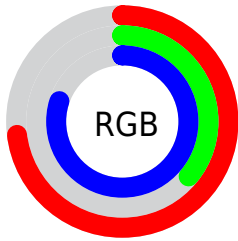
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 93, 203
Decimal	12148171
CIE <sub>Lab</sub>	54.51, 53.45, -41.49
CIE <sub>LCh</sub>	55, 67.669, 322.179
Yxy	22.4548, 0.2987, 0.1933
Android (android.graphics.Color)	4290338251 (0xFFB95DCB)
YUV	133.0480, 34.4863, 45.5619
Hunter-Lab	47.3865, 47.7904, -40.6568

# Details

The Hex color **B95DCB** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **6FCB5D**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **F393FF**, and **812794** is the 20% darker color. If you saturate the color by 10%, you get **B649CB**, and if you desaturate by 10%, it is **BC71CB**.

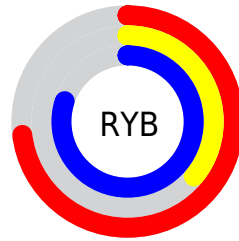
# Distribution



Red (73%)

Green (36%)

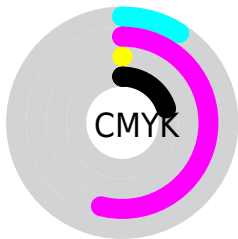
Blue (80%)



Red (73%)

Yellow (36%)

Blue (80%)

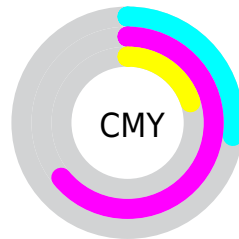


Cyan (9%)

Magenta (54%)

Yellow (0%)

Black (20%)



Cyan (27%)

Magenta (64%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B95DCB 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 B95DCB by changing the saturation by 10% instead.



 B95DCB

 B95DCB

FFFFFF

 9D42AF

 F393FF

 812794

 FFAFFF

 66017A

 FFCBFF

 4C0061

 FFE8FF

 320048

 180031

 00011B

 000000

 B95DCB

 B95DCB

 B649CB

 BC71CB

 B234CB

 C086CB

 AF20CB

 C39ACB

 AC0CCB

 C6AECB

 AA00CB

 CAC3CB

 CDD7CB

 D0EBCB

 D4FFCB

 D7FFCB

# Harmonies

## Analogous

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



5E7AF0



B95DCB



E24494

# Triad

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



B95DCB



AA7A00



009DAD

# Complementary

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



B95DCB



6FCB5D

# 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.



009C71



B95DCB



738C00

# Square

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



B95DCB



D36123



149734



0099DE

# Rectangle

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



B95DCB



EA426D



149734



009D99



# Sweetspot

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



B95DCB



F8D6FF



5D6FCB



7C6780



000000



808080



# Same Dimension

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



B95DCB



E459FF



CB5DA6



645C66



8B00A6



200026



# Inverse Universe

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



CB5D6F



FF5974



5DCB82



665C5D



A6001B



260006



# Previews

## White Background



This preview shows how the Hex color B95DCB looks on a white background.

## Color Contrast Check

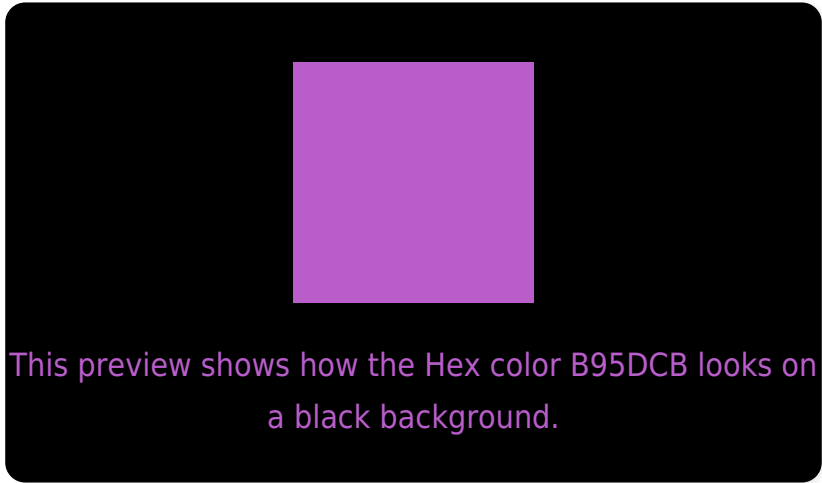
Large Text (above 18pt) WCAG AA ✓ Pass

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

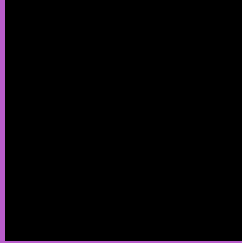
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B95DCB Background



This preview shows how black text looks on a background with the Hex color B95DCB.

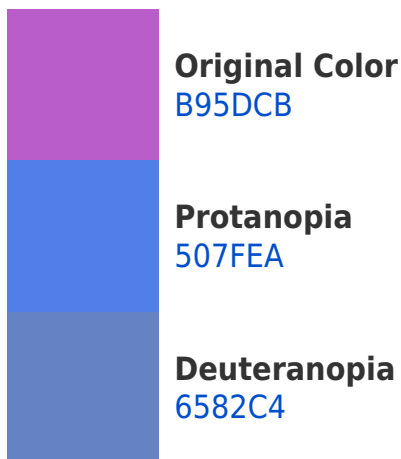


This preview shows how white text looks on a background with the Hex color B95DCB.

# 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](#).

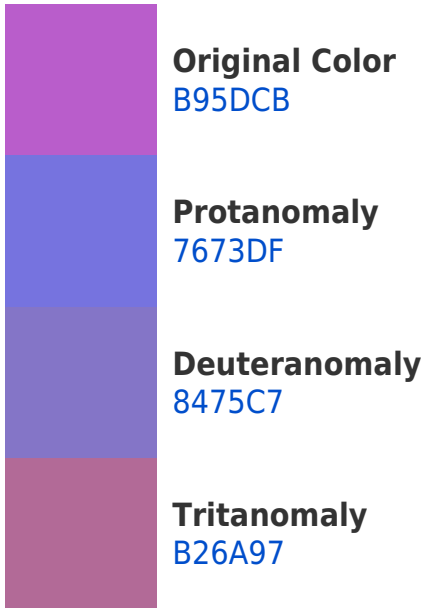
## Dichromacy



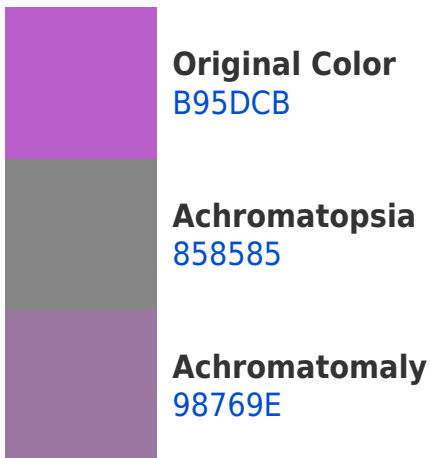


**Tritanopia**  
AE727A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B95DCB 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 #B95DCB looks like.

```
.text, #text, p{  
    color:#B95DCB  
}
```

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 #B95DCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B95DCB
}
```

## Border

The CSS property to change the border of an element to Hex B95DCB 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
#B95DCB }
```

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

```
.border{ border-color:#B95DCB }
```

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

Here you see how a box with a 4 pixel #B95DCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B95DCB; -webkit-box-shadow:4px 4px  
4px 4px #B95DCB; box-shadow:4px 4px 4px  
4px #B95DCB }
```

# Background

The CSS property to change the background color of an element to Hex B95DCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B95DCB }
```

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

```
.background{ background-color:#B95DCB }
```

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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