

# Converting Colors

Hex(B55CBD)

Have a look what the booklet for  
Hex(B55CBD) contains.

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# Color

Hex(**B55CBD**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B55CBD
RGB	181, 92, 189
RGB Percent	71%, 36%, 74%
CMY	0.2902, 0.6392, 0.2588
CMYK	0.04, 0.51, 0.00, 0.26
HSL	295°, 42%, 55%
HSV	295°, 51%, 74%
XYZ	32.0685, 21.1522, 50.5367
YIQ	129.6690, 21.9070, 49.0350

# Conversions

## Conversions Part 2

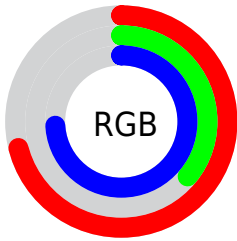
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 92, 189
Decimal	11885757
CIE <sub>Lab</sub>	53.12, 50.17, -35.69
CIE <sub>LCh</sub>	53, 61.568, 324.577
Yxy	21.1522, 0.3091, 0.2039
Android (android.graphics.Color)	4290075837 (0xFFB55CBD)
YUV	129.6690, 29.2502, 45.0173
Hunter-Lab	45.9915, 43.9777, -32.9554

# Details

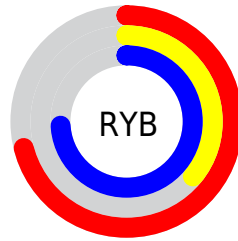
The Hex color **B55CBD** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **64BD5C**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **EF92F6**, and **7E2787** is the 20% darker color. If you saturate the color by 10%, you get **B349BD**, and if you desaturate by 10%, it is **B76FBD**.

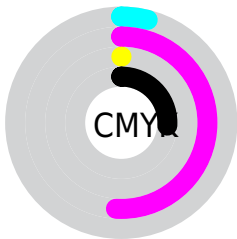
# Distribution



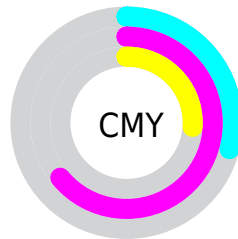
- Red (71%)
- Green (36%)
- Blue (74%)



- Red (71%)
- Yellow (36%)
- Blue (74%)



- Cyan (4%)
- Magenta (51%)
- Yellow (0%)
- Black (26%)



- Cyan (29%)
- Magenta (64%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B55CBD 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 B55CBD by changing the saturation by 10% instead.



 B55CBD

 B55CBD

FFFFFF

 9942A2

 EF92F6

 7E2787

 FFADFF

 63036D

 FFC9FF

 490055

 FFE6FF

 31003D

 140026

 00010F

 000000

 B55CBD

 B55CBD

 B349BD

 B76FBD

 B236BD

 B882BD

 B023BD

 BA95BD

 AF10BD

 BBA8BD

 AD00BD

 BDBBBBD

 BECDBD

 C0E0BD

 C1F3BD

 C3FFBD

# Harmonies

## Analogous

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



6A75E0



B55CBD



D8498B

# Triad

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



B55CBD



A07900



0097A9

# Complementary

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



B55CBD



64BD5C

# 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.



009773



B55CBD



6E8906

# Square

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



B55CBD



C66326



1A923D



0093D5

# Rectangle

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



B55CBD



DD4967



1A923D



009798



# Sweetspot

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



B55CBD



F2D0F5



5C64BD



79647A



FAFAFA



7A7A7A



# Same Dimension

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



B55CBD



E85DF5



BD5C95



5E555E



91009E



1C001F



# Inverse Universe

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



BD5C64



F55D6A



5CBD84



5E5556



9E000D

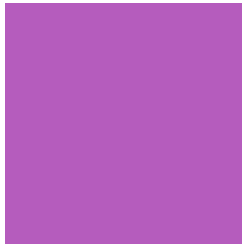


1F0003



# Previews

## White Background



This preview shows how the Hex color B55CBD looks on a white background.

## Color Contrast Check

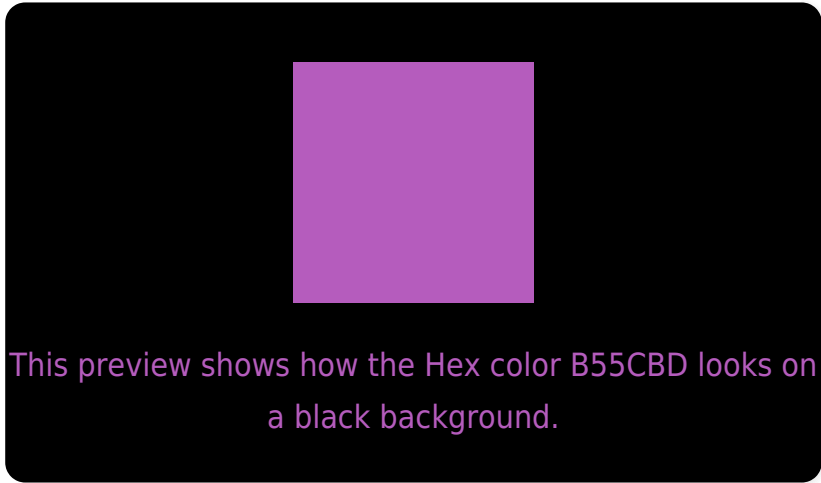
Large Text (above 18pt) WCAG AA ✓ Pass

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

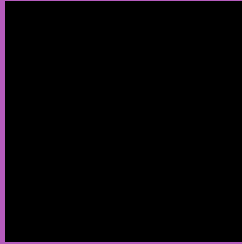
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B55CBD Background



This preview shows how black text looks on a background with the Hex color B55CBD.

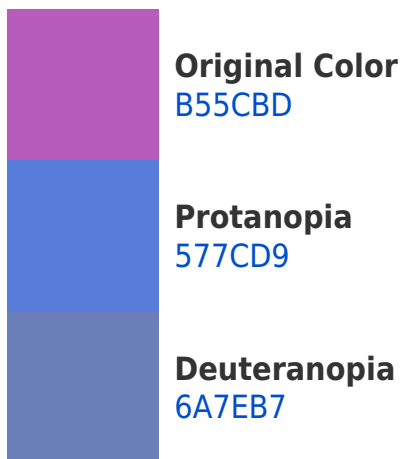



This preview shows how white text looks on a background with the Hex color B55CBD.

# 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](#).

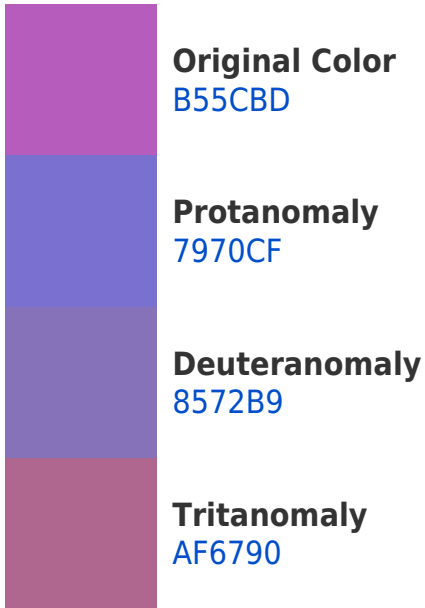
## Dichromacy





**Tritanopia**  
AC6E76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B55CBD 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 #B55CBD looks like.

```
.text, #text, p{  
    color:#B55CBD  
}
```

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 #B55CBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B55CBD
}
```

## Border

The CSS property to change the border of an element to Hex B55CBD 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
#B55CBD }
```

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

```
.border{ border-color:#B55CBD }
```

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

Here you see how a box with a 4 pixel #B55CBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B55CBD; -webkit-box-shadow:4px 4px  
4px 4px #B55CBD; box-shadow:4px 4px 4px  
4px #B55CBD }
```

# Background

The CSS property to change the background color of an element to Hex B55CBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B55CBD }
```

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

```
.background{ background-color:#B55CBD }
```

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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