

# Converting Colors

Hex(B55B8B)

Have a look what the booklet for  
Hex(B55B8B) contains.

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# Color

**Hex(B55B8B)**

# Conversions

## Conversions Part 1

| <b>Format</b>        | <b>Color</b>                               |
|----------------------|--|
| Hex                  | <a href="#">B55B8B</a>                     |
| RGB                  | <a href="#">181, 91, 139</a>               |
| RGB Percent          | <a href="#">71%, 36%, 55%</a>              |
| CMY                  | <a href="#">0.2902, 0.6431, 0.4549</a>     |
| <a href="#">CMYK</a> | <a href="#">0.00, 0.50, 0.23, 0.29</a>     |
| HSL                  | <a href="#">328°, 38%, 53%</a>             |
| HSV                  | <a href="#">328°, 50%, 71%</a>             |
| XYZ                  | <a href="#">27.4573, 19.1700, 26.6791</a>  |
| YIQ                  | <a href="#">123.3820, 38.2320, 34.0080</a> |

# Conversions

## Conversions Part 2

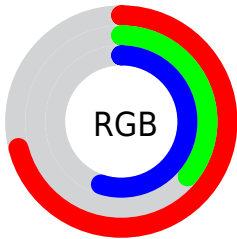
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 181, 91, 139                 |
| Decimal                             | 11885451                     |
| CIE <sub>Lab</sub>                  | 50.89, 42.23, -9.83          |
| CIE <sub>LCh</sub>                  | 51, 43.359, 346.895          |
| Yxy                                 | 19.1700, 0.3746,<br>0.2615   |
| Android<br>(android.graphics.Color) | 4290075531<br>(0xFFB55B8B)   |
| YUV                                 | 123.3820, 7.6997,<br>50.5310 |
| Hunter-Lab                          | 43.7836, 35.3188,<br>-5.4793 |

# Details

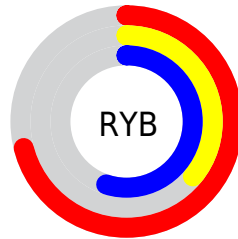
The Hex color **B55B8B** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5BB585**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **EF90C0**, and **7E2759** is the 20% darker color. If you saturate the color by 10%, you get **B54983**, and if you desaturate by 10%, it is **B56D93**.

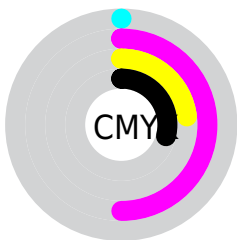
# Distribution



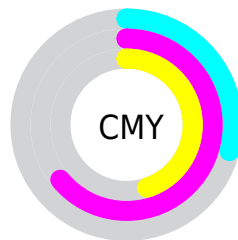
- Red (71%)
- Green (36%)
- Blue (55%)



- Red (71%)
- Yellow (36%)
- Blue (55%)



- Cyan (0%)
- Magenta (50%)
- Yellow (23%)
- Black (29%)



- Cyan (29%)
- Magenta (64%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B55B8B 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 B55B8B by changing the saturation by 10% instead.



 B55B8B

 B55B8B

FFFFFF

 994172

 EF90C0

 7E2759

 FFABDC

 630842

 FFC7F9

 49002B

 FFE4FF

 320017

 080000

 000000

 B55B8B

 B55B8B

 B54983

 B56D93

 B5377A

 B57F9C

 B52572

 B591A4

 B51369

 B5A3AD

 B50161

 B5B6B5

 B50061

 B5C8BE

 B5DAC6

 B5ECCF

 B5FED7

# Harmonies

## Analogous

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



9667AC



B55B8B



BE5A66

# Triad

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



B55B8B



7A7E2E



0089AE

# Complementary

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



B55B8B



5BB585

# 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.



008C8D



B55B8B



4F8644

# Square

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



B55B8B



9C712F



008B67



0082C1

# Rectangle

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



B55B8B



B95F4F



008B67



008AA5



# Sweetspot

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



B55B8B



EBC7DA



855BB5



75606B



F5F5F5



757575



# Same Dimension

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



B55B8B



EB5EA9



B55B5E



595055



990052



1A000E



# Inverse Universe

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



B55B8B



EB5EA9



5BB5B2



595055



990052

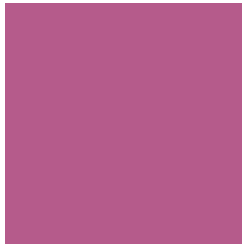


1A000E



# Previews

## White Background



This preview shows how the Hex color B55B8B looks on a white background.

## Color Contrast Check

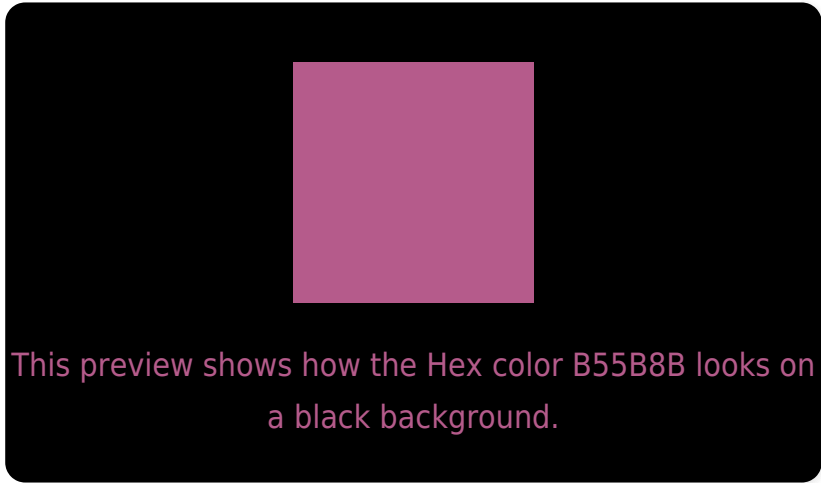
Large Text (above 18pt) WCAG AA ✓ Pass

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

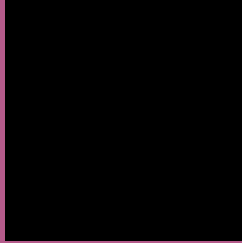
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B55B8B Background



This preview shows how black text looks on a background with the Hex color B55B8B.



This preview shows how white text looks on a background with the Hex color B55B8B.

# 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**  
B26269

# Trichromacy



**Original Color**  
B55B8B

**Protanomaly**  
886D98

**Deuteranomaly**  
936C88

**Tritanomaly**  
B35F75

# Monochromacy



**Original Color**  
B55B8B

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
906F81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B55B8B 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 #B55B8B looks like.

```
.text, #text, p{  
    color:#B55B8B  
}
```

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 #B55B8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B55B8B
}
```

## Border

The CSS property to change the border of an element to Hex B55B8B 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
#B55B8B }
```

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

```
.border{ border-color:#B55B8B }
```

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

Here you see how a box with a 4 pixel #B55B8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B55B8B; -webkit-box-shadow:4px 4px  
4px 4px #B55B8B; box-shadow:4px 4px 4px  
4px #B55B8B }
```

# Background

The CSS property to change the background color of an element to Hex B55B8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B55B8B }
```

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

```
.background{ background-color:#B55B8B }
```

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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