

# Converting Colors

Hex(B05A98)

Have a look what the booklet for  
Hex(B05A98) contains.

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**Color**

**Hex(B05A98)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B05A98</a>
RGB	<a href="#">176, 90, 152</a>
RGB Percent	<a href="#">69%, 35%, 60%</a>
CMY	<a href="#">0.3098, 0.6471, 0.4039</a>
<a href="#">CMYK</a>	<a href="#">0.00, 0.49, 0.14, 0.31</a>
HSL	<a href="#">317°, 35%, 52%</a>
HSV	<a href="#">317°, 49%, 69%</a>
XYZ	<a href="#">27.2282, 18.8094, 31.9013</a>
YIQ	<a href="#">122.7820, 31.3540, 37.5140</a>

# Conversions

## Conversions Part 2

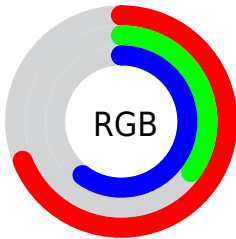
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 90, 152
Decimal	11557528
CIE <sub>Lab</sub>	50.46, 43.13, -18.24
CIE <sub>LCh</sub>	50, 46.826, 337.071
Yxy	18.8094, 0.3494, 0.2413
Android (android.graphics.Color)	4289747608 (0xFFB05A98)
YUV	122.7820, 14.4045, 46.6722
Hunter-Lab	43.3698, 36.1674, -13.2527

# Details

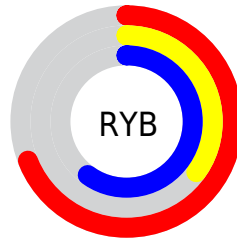
The Hex color **B05A98** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5AB072**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **E98FCE**, and **792665** is the 20% darker color. If you saturate the color by 10%, you get **B04893**, and if you desaturate by 10%, it is **B06C9D**.

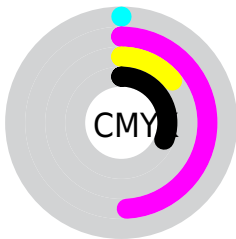
# Distribution



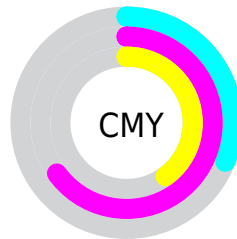
- Red (69%)
- Green (35%)
- Blue (60%)



- Red (69%)
- Yellow (35%)
- Blue (60%)



- Cyan (0%)
- Magenta (49%)
- Yellow (14%)
- Black (31%)



- Cyan (31%)
- Magenta (65%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B05A98 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 B05A98 by changing the saturation by 10% instead.



 B05A98

 B05A98

FFFFFF

 94407E

 E98FCE

 792665

 FFAAEB

 5F074D

 FFC6FF

 450036

 FFE2FF

 2F0021

 030004

 000000

 B05A98

 B05A98

 B04893

 B06C9D

 B0378E

 B07DA2

 B02589

 B08FA7

 B01484

 B0A0AC

 B0027F

 B0B2B1

 B0007F

 B0C4B5

 B0D5BA

 B0E7BF

 B0F8C4

# Harmonies

## Analogous

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



876AB8



B05A98



C15470

# Triad

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



B05A98



857923



008AA7

# Complementary

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



B05A98



5AB072

# 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.



008C81



B05A98



5B8335

# Square

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



B05A98



A66B2D



108957



0085C1

# Rectangle

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



B05A98



C05856



108957



008B9B



# Sweetspot

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



B05A98



E6C3DC



715AB0



735E6D



F2F2F2



737373



# Same Dimension

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



B05A98



E65EC0



B05A6E



595057



99006E



1A0012



# Inverse Universe

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



B05A98



E65EC0



5AB09C



595057



99006E

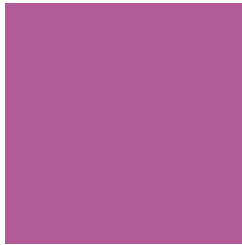


1A0012



# Previews

## White Background



This preview shows how the Hex color B05A98 looks on a white background.

## Color Contrast Check

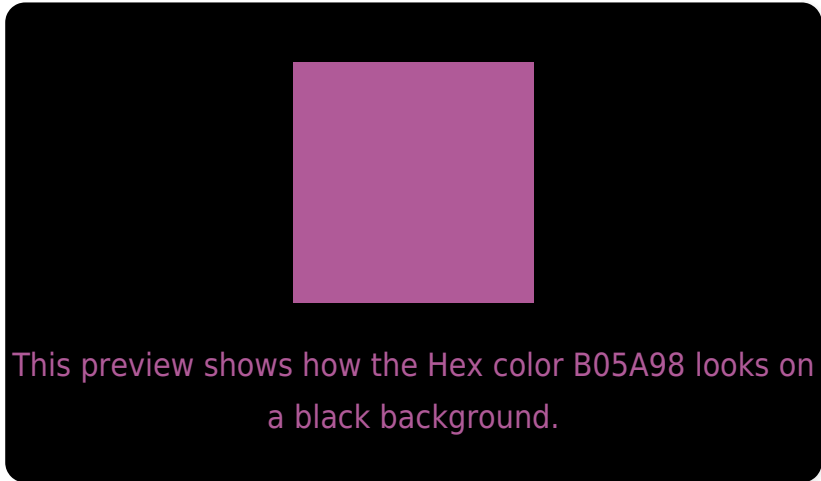
Large Text (above 18pt) WCAG AA ✓ Pass

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

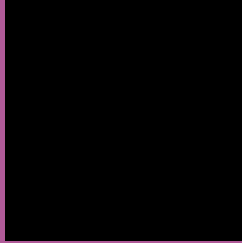
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B05A98 Background



This preview shows how black text looks on a background with the Hex color B05A98.



This preview shows how white text looks on a background with the Hex color B05A98.

# 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](#).

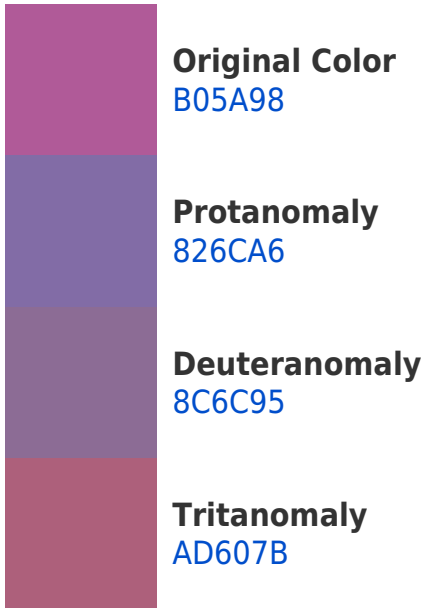
## Dichromacy



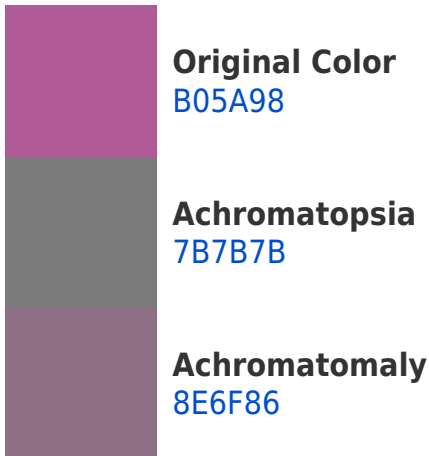


**Tritanopia**  
AB646B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B05A98 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 #B05A98 looks like.

```
.text, #text, p{  
    color:#B05A98  
}
```

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 #B05A98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B05A98
}
```

## Border

The CSS property to change the border of an element to Hex B05A98 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
#B05A98 }
```

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

```
.border{ border-color:#B05A98 }
```

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

Here you see how a box with a 4 pixel #B05A98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B05A98; -webkit-box-shadow:4px 4px  
4px 4px #B05A98; box-shadow:4px 4px 4px  
4px #B05A98 }
```

# Background

The CSS property to change the background color of an element to Hex B05A98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B05A98 }
```

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

```
.background{ background-color:#B05A98 }
```

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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