

# Converting Colors

Hex(8C65A7)

Have a look what the booklet for  
Hex(8C65A7) contains.

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# Color

**Hex(8C65A7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C65A7
RGB	140, 101, 167
RGB Percent	55%, 40%, 65%
CMY	0.4510, 0.6039, 0.3451
CMYK	0.16, 0.40, 0.00, 0.35
HSL	275°, 27%, 53%
HSV	275°, 40%, 65%
XYZ	22.4439, 17.6728, 38.7875
YIQ	120.1850, 2.0580, 28.7940

# Conversions

## Conversions Part 2

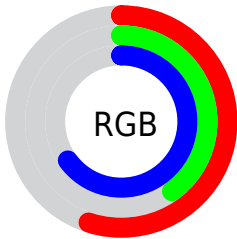
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 101, 167
Decimal	9201063
CIE <sub>Lab</sub>	49.10, 28.46, -29.54
CIE <sub>LCh</sub>	49, 41.018, 313.928
Yxy	17.6728, 0.2844, 0.2240
Android (android.graphics.Color)	4287391143 (0xFF8C65A7)
YUV	120.1850, 23.0798, 17.3778
Hunter-Lab	42.0391, 21.7298, -25.2768

# Details

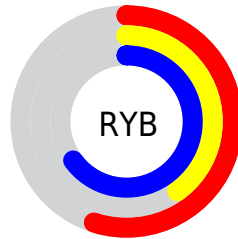
The Hex color **8C65A7** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **80A765**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **C399DE**, and **583573** is the 20% darker color. If you saturate the color by 10%, you get **8554A7**, and if you desaturate by 10%, it is **9376A7**.

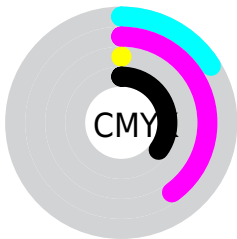
# Distribution



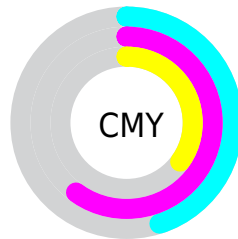
- Red (55%)
- Green (40%)
- Blue (65%)



- Red (55%)
- Yellow (40%)
- Blue (65%)



- Cyan (16%)
- Magenta (40%)
- Yellow (0%)
- Black (35%)



- Cyan (45%)
- Magenta (60%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C65A7 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 8C65A7 by changing the saturation by 10% instead.



 8C65A7

 8C65A7

FFFFFF

 724D8C

 C399DE

 583573

 DFB4FB

 401E5A

 FCCFFF

 280842

 FFECFF

 16002C

 000116

 000000

 8C65A7

 8C65A7

 8554A7

 9376A7

7E44A7

9A86A7

7833A7

A097A7

7122A7

A7A8A7

6A11A7

AEB8A7

6301A7

B5C9A7

6300A7

BCDAA7

C3EBA7

C9FBA7

# Harmonies

## Analogous

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



5673B8



8C65A7



AB5989

# Triad

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



8C65A7



986C30



008684

# Complementary

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



8C65A7



80A765

# 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.



0E8560



8C65A7



79782E

# Square

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



8C65A7



AE5F46



528041



0084A4

# Rectangle

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



8C65A7



B45671



528041



008678



# Sweetspot

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



8C65A7



CEBFD9



6581A7



675E6E



EDEDED



6E6E6E



# Same Dimension

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



8C65A7



AF73D9



A765A2



514C54



570094



0C0014



# Inverse Universe

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



A76580



D9739D



65A76A



544C4F



94003D

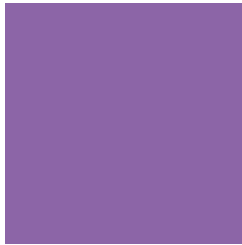


140008



# Previews

## White Background



This preview shows how the Hex color 8C65A7 looks on a white background.

## Color Contrast Check

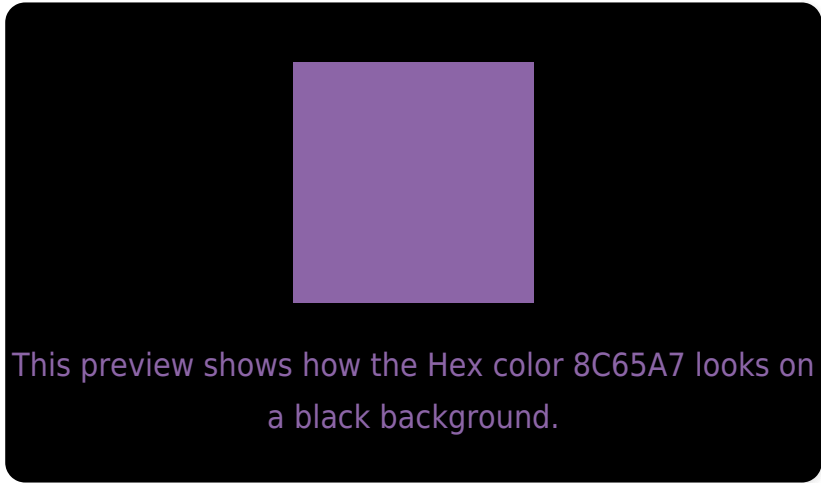
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

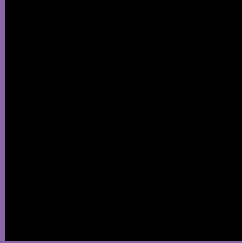
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C65A7 Background



This preview shows how black text looks on a background with the Hex color 8C65A7.

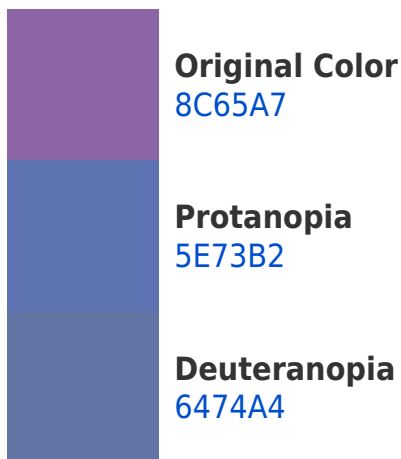


This preview shows how white text looks on a background with the Hex color 8C65A7.

# 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](#).

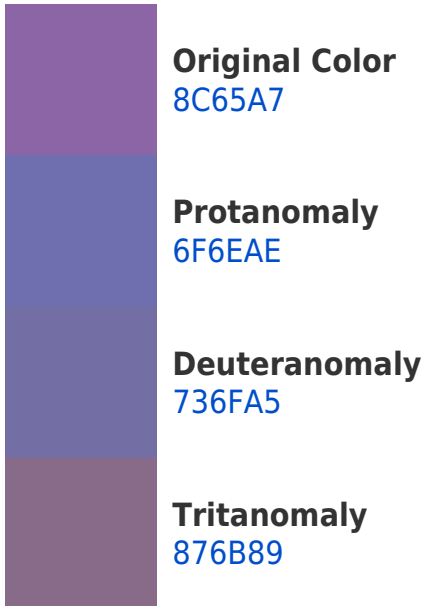
## Dichromacy



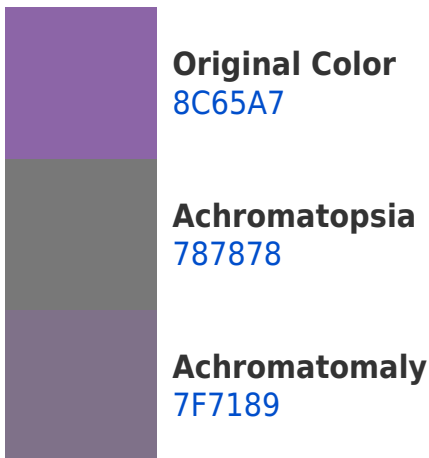


**Tritanopia**  
846F78

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C65A7 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 #8C65A7 looks like.

```
.text, #text, p{  
    color:#8C65A7  
}
```

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 #8C65A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C65A7
}
```

## Border

The CSS property to change the border of an element to Hex 8C65A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

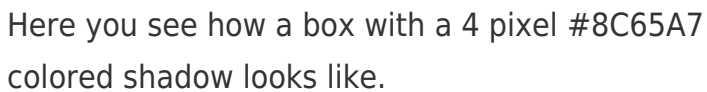
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C65A7 }
```

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

```
.border{ border-color:#8C65A7 }
```

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



Here you see how a box with a 4 pixel #8C65A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C65A7; -webkit-box-shadow:4px 4px  
4px 4px #8C65A7; box-shadow:4px 4px 4px  
4px #8C65A7 }
```

# Background

The CSS property to change the background color of an element to Hex 8C65A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C65A7 }
```

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

```
.background{ background-color:#8C65A7 }
```

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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