

# Converting Colors

Hex(8C76C5)

Have a look what the booklet for  
Hex(8C76C5) contains.

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# Color

Hex(8C76C5)

# Conversions

## Conversions Part 1

Format	Color
Hex	8C76C5
RGB	140, 118, 197
RGB Percent	55%, 46%, 77%
CMY	0.4510, 0.5373, 0.2275
CMYK	0.29, 0.40, 0.00, 0.23
HSL	257°, 41%, 62%
HSV	257°, 40%, 77%
XYZ	27.3717, 22.5635, 55.7359
YIQ	133.5840, -12.2470, 29.2330

# Conversions

## Conversions Part 2

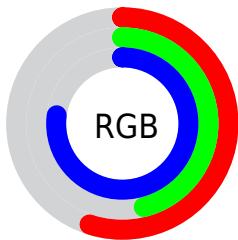
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 118, 197
Decimal	9205445
CIE <sub>Lab</sub>	54.62, 25.79, -38.23
CIE <sub>LCh</sub>	55, 46.115, 304.003
Yxy	22.5635, 0.2590, 0.2135
Android (android.graphics.Color)	4287395525 (0xFF8C76C5)
YUV	133.5840, 31.2641, 5.6268
Hunter-Lab	47.5011, 19.7307, -36.3178

# Details

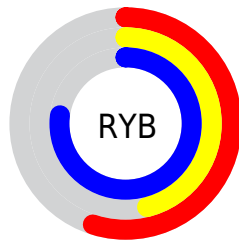
The Hex color **8C76C5** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **AFC576**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **C3AAFE**, and **57458F** is the 20% darker color. If you saturate the color by 10%, you get **7E62C5**, and if you desaturate by 10%, it is **9A8AC5**.

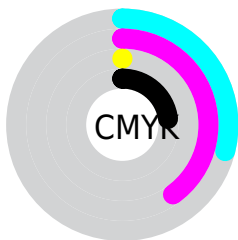
# Distribution



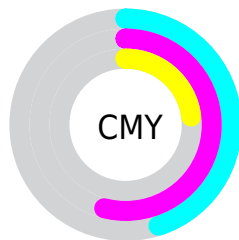
- Red (55%)
- Green (46%)
- Blue (77%)



- Red (55%)
- Yellow (46%)
- Blue (77%)



- Cyan (29%)
- Magenta (40%)
- Yellow (0%)
- Black (23%)



- Cyan (45%)
- Magenta (54%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C76C5 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 8C76C5 by changing the saturation by 10% instead.



■ 8C76C5

■ 8C76C5

FFFFFF

■ 715DA9

■ C3AAFE

■ 57458F

■ E0C6FF

■ 3E2F75

■ FDE2FF

■ 24195C

■ 070244

■ 00012D

■ 000117

■ 000000

■ 8C76C5

■ 8C76C5

 7E62C5

 9A8AC5

 704FC5

 A89DC5

 613BC5

 B7B1C5

 5327C5

 C5C5C5

 4514C5

 D3D9C5

 3700C5

 E1ECC5

 EFFF C5

 FEFF C5

 FFFF C5

# Harmonies

## Analogous

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



3F85D2



8C76C5



B867A6

# Triad

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



8C76C5



B5743A



009687

# Complementary

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



8C76C5



AFC576

# 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.



30945E



8C76C5



94822F

# Square

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



8C76C5



C96658



6B8D3D



0095AE

# Rectangle

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



8C76C5



C8608C



6B8D3D



009679



# Sweetspot

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



8C76C5



E9E0FF



76B0C5



736E80



000000



808080



# Same Dimension

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



8C76C5



A785FF



B376C5



5C5A63



2D00A3



0A0024



# Inverse Universe

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



C576AF



FF85DD



88C576



635A61



A30076

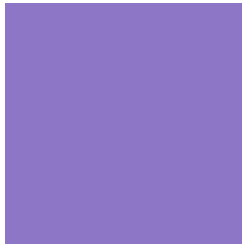


24001A



# Previews

## White Background



This preview shows how the Hex color 8C76C5 looks on a white background.

## Color Contrast Check

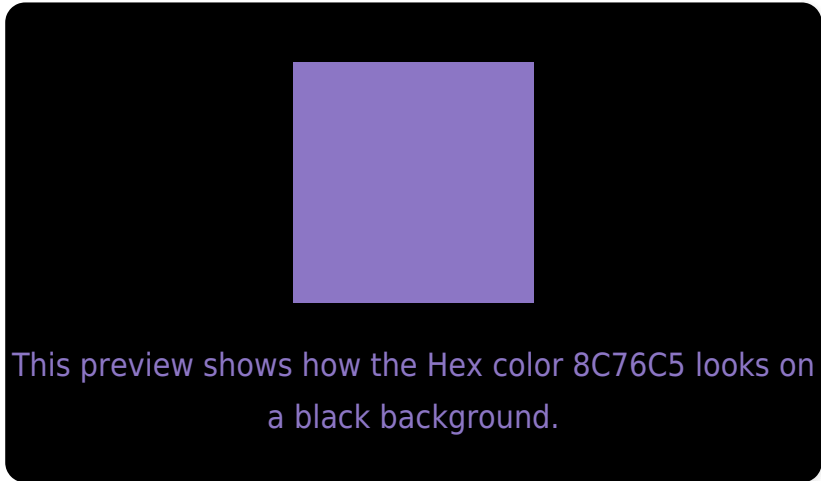
Large Text (above 18pt) WCAG AA ✓ Pass

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

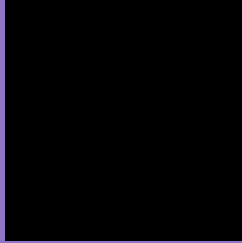
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C76C5 Background



This preview shows how black text looks on a background with the Hex color 8C76C5.




This preview shows how white text looks on a background with the Hex color 8C76C5.

# 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](#).

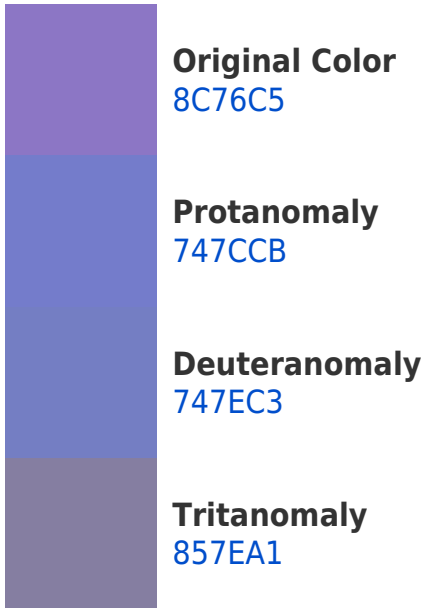
## Dichromacy



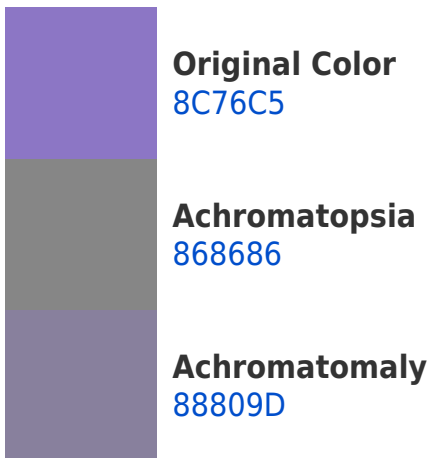


**Tritanopia**  
81828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C76C5 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 #8C76C5 looks like.

```
.text, #text, p{  
    color:#8C76C5  
}
```

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 #8C76C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C76C5
}
```

## Border

The CSS property to change the border of an element to Hex 8C76C5 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
#8C76C5 }
```

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

```
.border{ border-color:#8C76C5 }
```

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

Here you see how a box with a 4 pixel #8C76C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C76C5; -webkit-box-shadow:4px 4px  
4px 4px #8C76C5; box-shadow:4px 4px 4px  
4px #8C76C5 }
```

# Background

The CSS property to change the background color of an element to Hex 8C76C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C76C5 }
```

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

```
.background{ background-color:#8C76C5 }
```

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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