

Converting Colors

Hex(8C76C8)

Have a look what the booklet for
Hex(8C76C8) contains.

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Color

Hex(8C76C8)

Conversions

Conversions Part 1

Format	Color
Hex	8C76C8
RGB	140, 118, 200
RGB Percent	55%, 46%, 78%
CMY	0.4510, 0.5373, 0.2157
CMYK	0.30, 0.41, 0.00, 0.22
HSL	256°, 43%, 62%
HSV	256°, 41%, 78%
XYZ	27.7190, 22.7024, 57.5646
YIQ	133.9260, -13.2100, 30.1660

Conversions

Conversions Part 2

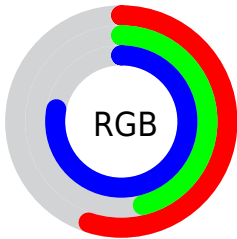
Format	Color
R_{YB}	140, 118, 200
Decimal	9205448
CIE _{Lab}	54.76, 26.56, -39.71
CIE _{LCh}	55, 47.773, 303.772
Yxy	22.7024, 0.2567, 0.2102
Android (android.graphics.Color)	4287395528 (0xFF8C76C8)
YUV	133.9260, 32.5745, 5.3269
Hunter-Lab	47.6471, 20.4610, -38.2780

Details

The Hex color **8C76C8** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B2C876**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **C3A AFF**, and **574592** is the 20% darker color. If you saturate the color by 10%, you get **7D62C8**, and if you desaturate by 10%, it is **9B8AC8**.

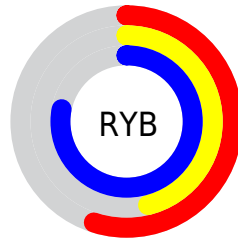
Distribution



Red (55%)

Green (46%)

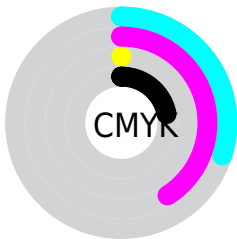
Blue (78%)



Red (55%)

Yellow (46%)

Blue (78%)

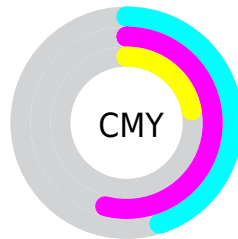


Cyan (30%)

Magenta (41%)

Yellow (0%)

Black (22%)



Cyan (45%)

Magenta (54%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C76C8 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 8C76C8 by changing the saturation by 10% instead.

■ 8C76C8

■ 8C76C8

FFFFFF

■ 715DAC

■ C3AAFF

■ 574592

■ E0C6FF

■ 3D2F77

■ FDE2FF

■ 23195E

■ 040346

■ 00012F

■ 000119

■ 000000

■ 8C76C8

■ 8C76C8

 7D62C8


 9B8AC8

 6F4EC8

 A99EC8

 603AC8

 B8B2C8

 5126C8

 C7C6C8

 4312C8

 D5DAC8

 3600C8

 E4EEC8

 F2FFC8

 FFFFC8

Harmonies

Analogous

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



3986D5



8C76C8



BA66A8

Triad

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



8C76C8



B77438



009787

Complementary

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



8C76C8



B2C876

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.



2C955D



8C76C8



95832B

Square

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



8C76C8



CC6557



6A8E3A



0096B0

Rectangle

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



8C76C8



CA5F8D



6A8E3A



009779

Sweetspot

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



8C76C8



E9E0FF



76B2C8



726E80



000000



808080

Same Dimension

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



8C76C8



A482FF



B576C8



5C5A63



2C00A3



0A0024

Inverse Universe

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



C876B2



FF82DD



89C876



635A61



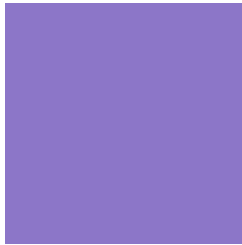
A30077



24001A

Previews

White Background



This preview shows how the Hex color 8C76C8 looks on a white background.

Color Contrast Check

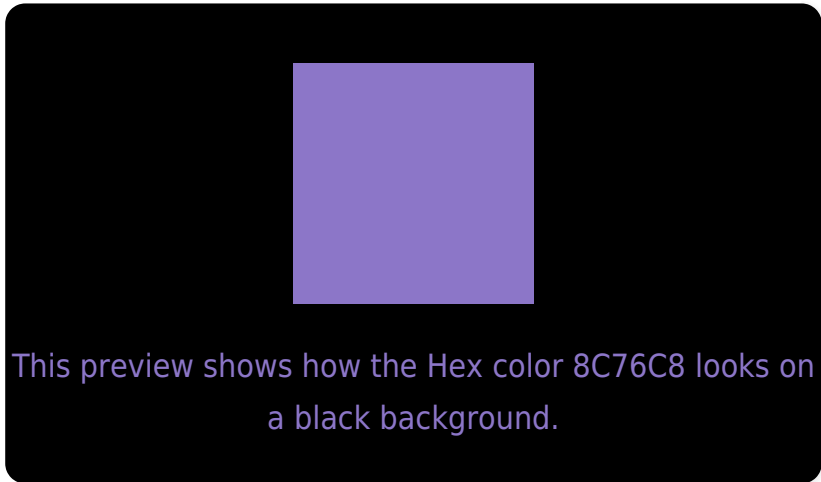
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C76C8 Background



This preview shows how black text looks on a background with the Hex color 8C76C8.

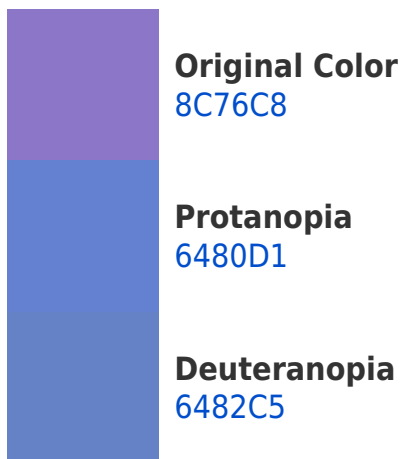


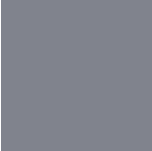
This preview shows how white text looks on a background with the Hex color 8C76C8.

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](#).

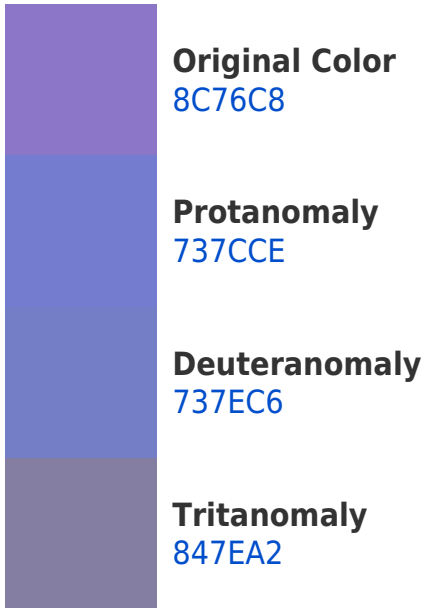
Dichromacy





Tritanopia
80838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8C76C8 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 #8C76C8 looks like.

```
.text, #text, p{  
    color:#8C76C8  
}
```

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 #8C76C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C76C8
}
```

Border

The CSS property to change the border of an element to Hex 8C76C8 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
#8C76C8 }
```

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

```
.border{ border-color:#8C76C8 }
```

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

Here you see how a box with a 4 pixel #8C76C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C76C8; -webkit-box-shadow:4px 4px  
4px 4px #8C76C8; box-shadow:4px 4px 4px  
4px #8C76C8 }
```

Background

The CSS property to change the background color of an element to Hex 8C76C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C76C8 }
```

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

```
.background{ background-color:#8C76C8 }
```

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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