

Converting Colors

Hex(8C77CC)

Have a look what the booklet for
Hex(8C77CC) contains.

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Color

Hex(8C77CC)

Conversions

Conversions Part 1

Format	Color
Hex	8C77CC
RGB	140, 119, 204
RGB Percent	55%, 47%, 80%
CMY	0.4510, 0.5333, 0.2000
CMYK	0.31, 0.42, 0.00, 0.20
HSL	255°, 45%, 63%
HSV	255°, 42%, 80%
XYZ	28.3111, 23.1287, 60.0989
YIQ	134.9690, -14.7690, 30.8870

Conversions

Conversions Part 2

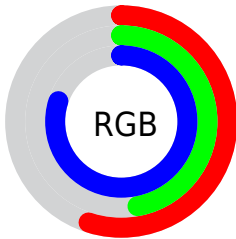
Format	Color
R _Y B	140, 119, 204
Decimal	9205708
CIE Lab	55.20, 27.00, -41.29
CIE LCh	55, 49.338, 303.183
Yxy	23.1287, 0.2538, 0.2074
Android (android.graphics.Color)	4287395788 (0xFF8C77CC)
YUV	134.9690, 34.0323, 4.4122
Hunter-Lab	48.0923, 20.9182, -40.4275

Details

The Hex color **8C77CC** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **B7CC77**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **C4ABFF**, and **574695** is the 20% darker color. If you saturate the color by 10%, you get **7D63CC**, and if you desaturate by 10%, it is **9B8BCC**.

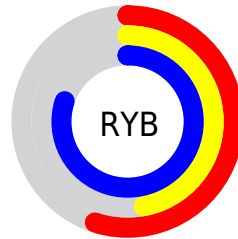
Distribution



Red (55%)

Green (47%)

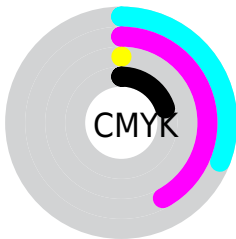
Blue (80%)



Red (55%)

Yellow (47%)

Blue (80%)

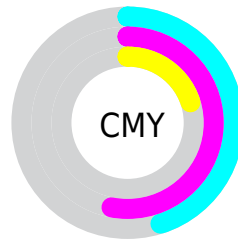


Cyan (31%)

Magenta (42%)

Yellow (0%)

Black (20%)



Cyan (45%)

Magenta (53%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C77CC 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 8C77CC by changing the saturation by 10% instead.

■ 8C77CC

■ 8C77CC

FFFFFF

■ 715EB0

■ C4ABFF

■ 574695

■ E0C7FF

■ 3D2F7B

■ FDE3FF

■ 211A62

■ 000449

■ 000032

■ 00021C

■ 000000

■ 8C77CC

■ 8C77CC

 7D63CC

 9B8BCC

 6D4ECC

 ABA0CC

 5E3ACC

 BAB4CC

 4F25CC

 C9C9CC

 3F11CC

 D9DDCC

 3200CC

 E8F1CC

 F8FFCC

 FFFFCC

Harmonies

Analogous

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



3187DA



8C77CC



BC66AC

Triad

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



8C77CC



BA7437



009988

Complementary

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



8C77CC



B7CC77

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.



2A965C



8C77CC



978329

Square

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



8C77CC



CF6458



6B8F38



0098B2

Rectangle

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



8C77CC



CD5F90



6B8F38



009979

Sweetspot

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



8C77CC



E6DEFF



77B8CC



706B80



000000



808080

Same Dimension

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



8C77CC



9F80FF



B577CC



5E5C66



2900A6



090026

Inverse Universe

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



CC77B7



FF80E0



8ECC77



665C63



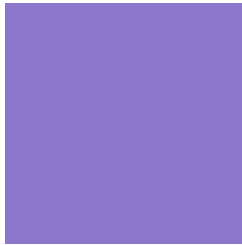
A6007D



26001D

Previews

White Background



This preview shows how the Hex color 8C77CC 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

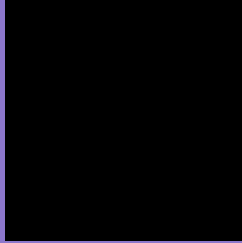
Any Text WCAG AA ✓ Pass

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 8C77CC Background



This preview shows how black text looks on a background with the Hex color 8C77CC.



This preview shows how white text looks on a background with the Hex color 8C77CC.

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](#).

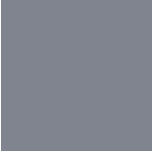
Dichromacy



Original Color
8C77CC

Protanopia
6481D5

Deuteranopia
6384C9



Tritanopia
80848F

Trichromacy



Original Color
8C77CC

Protanomaly
737DD2

Deuteranomaly
727FCA

Tritanomaly
847FA5

Monochromacy



Original Color
8C77CC

Achromatopsia
878787

Achromatomaly
8981A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 8C77CC 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 #8C77CC looks like.

```
.text, #text, p{  
    color:#8C77CC  
}
```

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 #8C77CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C77CC  
}
```

Border

The CSS property to change the border of an element to Hex 8C77CC 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  
#8C77CC }
```

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

```
.border{ border-color:#8C77CC }
```

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

Here you see how a box with a 4 pixel #8C77CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C77CC; -webkit-box-shadow:4px 4px  
4px 4px #8C77CC; box-shadow:4px 4px 4px  
4px #8C77CC }
```

Background

The CSS property to change the background color of an element to Hex 8C77CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C77CC }
```

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

```
.background{ background-color:#8C77CC }
```

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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