

Converting Colors

Hex(8C75DF)

Have a look what the booklet for
Hex(8C75DF) contains.

Hex(8C75DF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8C75DF)

Conversions

Conversions Part 1

Format	Color
Hex	8C75DF
RGB	140, 117, 223
RGB Percent	55%, 46%, 87%
CMY	0.4510, 0.5412, 0.1255
CMYK	0.37, 0.48, 0.00, 0.13
HSL	253°, 62%, 67%
HSV	253°, 48%, 87%
XYZ	30.4958, 23.6257, 72.7650
YIQ	135.9610, -20.3180, 37.8420

Conversions

Conversions Part 2

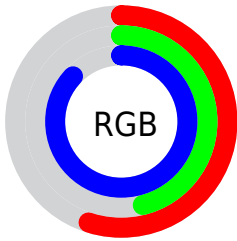
Format	Color
R_{YB}	140, 117, 223
Decimal	9205215
CIE _{Lab}	55.71, 33.20, -51.22
CIE _{LCh}	56, 61.036, 302.950
Yxy	23.6257, 0.2403, 0.1862
Android (android.graphics.Color)	4287395295 (0xFF8C75DF)
YUV	135.9610, 42.9102, 3.5422
Hunter-Lab	48.6063, 26.9305, -54.7343

Details

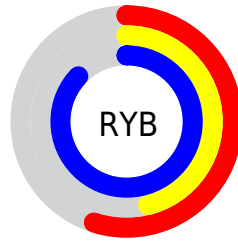
The Hex color **8C75DF** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **C8DF75**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **C5A9FF**, and **5544A7** is the 20% darker color. If you saturate the color by 10%, you get **7B5FDF**, and if you desaturate by 10%, it is **9D8BDF**.

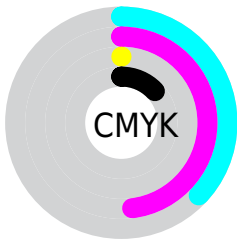
Distribution



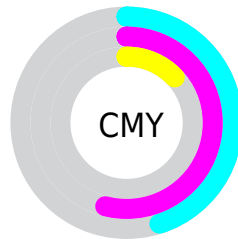
- Red (55%)
- Green (46%)
- Blue (87%)



- Red (55%)
- Yellow (46%)
- Blue (87%)



- Cyan (37%)
- Magenta (48%)
- Yellow (0%)
- Black (13%)



- Cyan (45%)
- Magenta (54%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C75DF 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 8C75DF by changing the saturation by 10% instead.

8C75DF

8C75DF

FFFFFF

705CC3

C5A9FF

5544A7

E2C5FF

382D8C

FFE1FF

171872

FFFEFF

000359

000041

00032A

000114

000000

 8C75DF

 8C75DF

 7B5FDF

 9D8BDF

 6948DF

 AFA2DF

 5832DF

 C0B8DF

 461CDF

 D2CEDF

 3505DF

 E3E4DF

 3000DF

 F5FBDF

 FFFFDF

Harmonies

Analogous

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



008AF0



8C75DF



C95DB7

Triad

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



8C75DF



C57022



009E89

Complementary

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



8C75DF



C8DF75

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.



009B53



8C75DF



9B8500

Square

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



8C75DF



DF5A4F



649321



009DBE

Rectangle

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



8C75DF



DE5294



649321



009D77

Sweetspot

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



8C75DF



E3DBFF



75C8DF



6F6A80



000000



808080

Same Dimension

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



8C75DF



8D6EFF



C175DF



676570



2600B0



0B0030

Inverse Universe

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



DF75C8



FF6EDF



93DF75



70656E



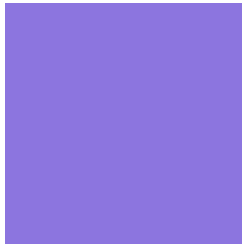
B0008A



300026

Previews

White Background



This preview shows how the Hex color 8C75DF looks on a white background.

Color Contrast Check

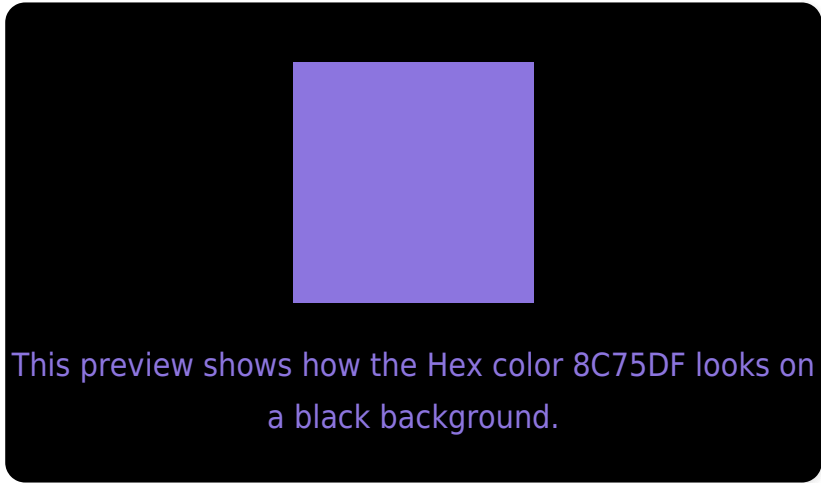
Large Text (above 18pt) WCAG AA ✓ Pass

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

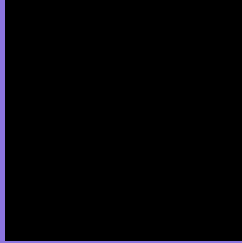
Any Text WCAG AA ✓ Pass

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 8C75DF Background



This preview shows how black text looks on a background with the Hex color 8C75DF.

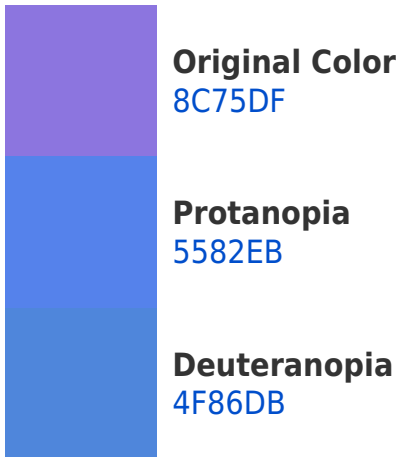


This preview shows how white text looks on a background with the Hex color 8C75DF.

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](#).

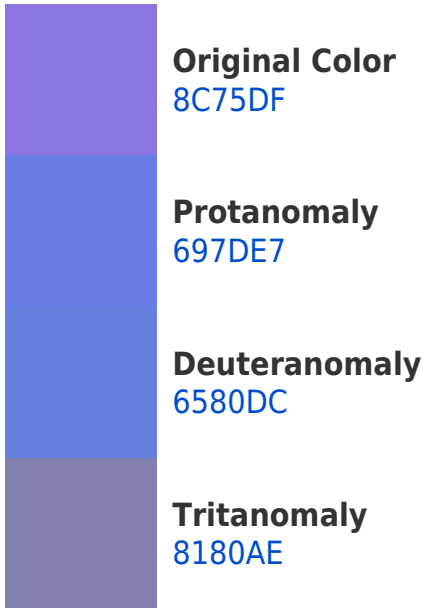
Dichromacy



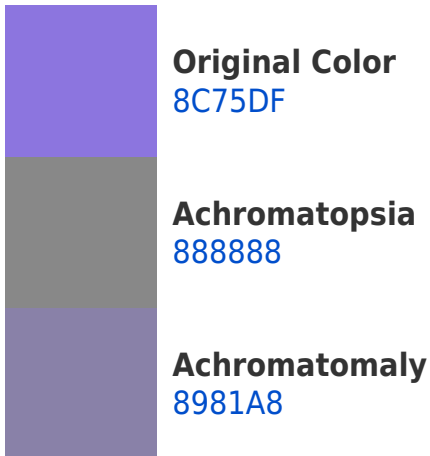


Tritanopia
7B8792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8C75DF 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 #8C75DF looks like.

```
.text, #text, p{  
    color:#8C75DF  
}
```

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 #8C75DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C75DF
}
```

Border

The CSS property to change the border of an element to Hex 8C75DF 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
#8C75DF }
```

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

```
.border{ border-color:#8C75DF }
```

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

Here you see how a box with a 4 pixel #8C75DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C75DF; -webkit-box-shadow:4px 4px  
4px 4px #8C75DF; box-shadow:4px 4px 4px  
4px #8C75DF }
```

Background

The CSS property to change the background color of an element to Hex 8C75DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C75DF }
```

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

```
.background{ background-color:#8C75DF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor