

Converting Colors

Hex(8470AA)

Have a look what the booklet for
Hex(8470AA) contains.

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Color

Hex(8470AA)

Conversions

Conversions Part 1

Format	Color
Hex	8470AA
RGB	132, 112, 170
RGB Percent	52%, 44%, 67%
CMY	0.4824, 0.5608, 0.3333
CMYK	0.22, 0.34, 0.00, 0.33
HSL	261°, 25%, 55%
HSV	261°, 34%, 67%
XYZ	22.5656, 19.3962, 40.5847
YIQ	124.5920, -6.6980, 22.2780

Conversions

Conversions Part 2

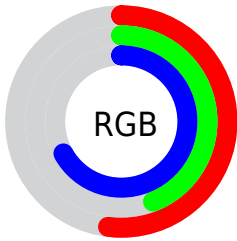
Format	Color
R_{YB}	132, 112, 170
Decimal	8679594
CIE _{Lab}	51.15, 20.17, -28.16
CIE _{LCh}	51, 34.643, 305.617
Yxy	19.3962, 0.2734, 0.2350
Android (android.graphics.Color)	4286869674 (0xFF8470AA)
YUV	124.5920, 22.3861, 6.4968
Hunter-Lab	44.0411, 14.3873, -23.8082

Details

The Hex color **8470AA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **96AA70**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **BAA4E2**, and **514076** is the 20% darker color. If you saturate the color by 10%, you get **795FAA**, and if you desaturate by 10%, it is **8F81AA**.

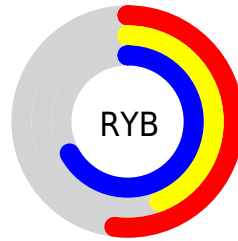
Distribution



Red (52%)

Green (44%)

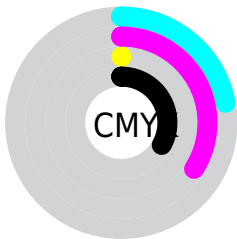
Blue (67%)



Red (52%)

Yellow (44%)

Blue (67%)

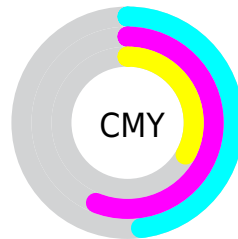


Cyan (22%)

Magenta (34%)

Yellow (0%)

Black (33%)



Cyan (48%)

Magenta (56%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8470AA 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 8470AA by changing the saturation by 10% instead.

8470AA

8470AA

FFFFFF

6A578F

BAA4E2

514076

D6BFFE

392A5D

F3DBFF

211545

FFF7FF

0F002E

000119

000000

8470AA

8470AA

795FAA

8F81AA

6E4EAA

9A92AA

633DAA

A5A3AA

572CAA

B1B4AA

4C1BAA

BCC5AA

410AAA

C7D6AA

3B00AA

D2E7AA

DDF8AA

E8FFAA

Harmonies

Analogous

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



557BB4



8470AA



A36693

Triad

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



8470AA



A07044



00897F

Complementary

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



8470AA



96AA70

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.



418760



8470AA



877A3E

Square

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



8470AA



B06659



688248



00889B

Rectangle

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



8470AA



AF627F



688248



1C8974

Sweetspot

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



8470AA



CFC8DE



7097AA



676370



F0F0F0



707070

Same Dimension

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



8470AA



A283DE



A070AA



4F4C54



330094



070014

Inverse Universe

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



AA7096



DE83BE



7AAA70



544C51



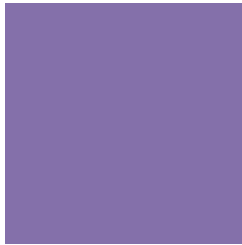
940061



14000D

Previews

White Background



This preview shows how the Hex color 8470AA looks on a white background.

Color Contrast Check

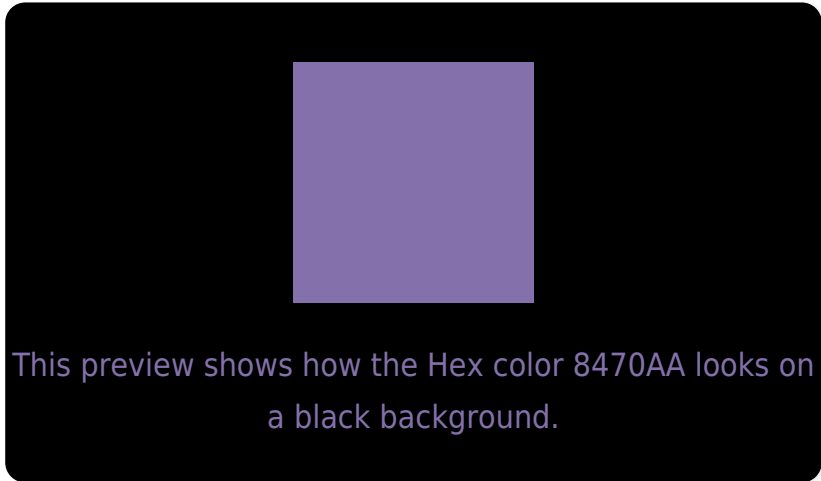
Large Text (above 18pt) WCAG AA ✓ Pass

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

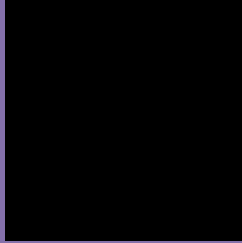
Any Text WCAG AA ✓ Pass

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 8470AA Background



This preview shows how black text looks on a background with the Hex color 8470AA.



This preview shows how white text looks on a background with the Hex color 8470AA.

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
8470AA

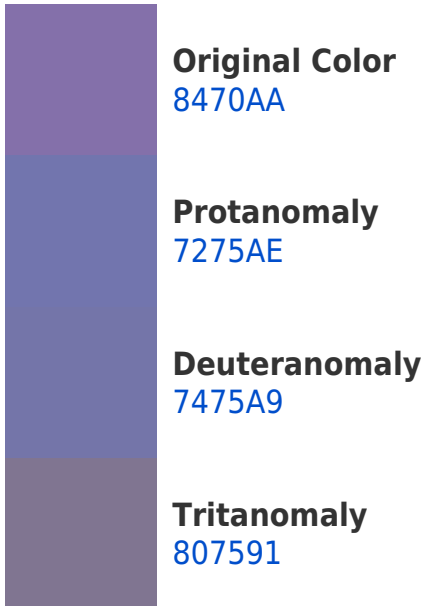
Protanopia
6878B0

Deuteranopia
6B78A8

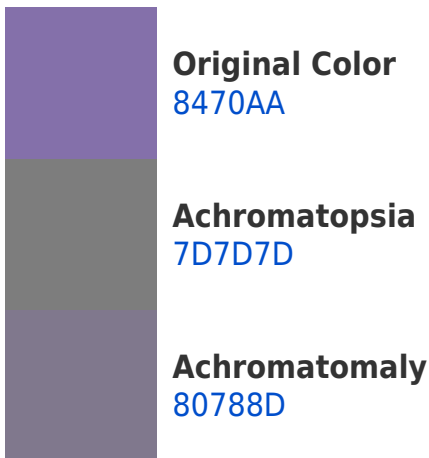


Tritanopia
7D7882

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8470AA 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 #8470AA looks like.

```
.text, #text, p{  
    color:#8470AA  
}
```

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 #8470AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8470AA
}
```

Border

The CSS property to change the border of an element to Hex 8470AA 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
#8470AA }
```

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

```
.border{ border-color:#8470AA }
```

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

Here you see how a box with a 4 pixel #8470AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8470AA; -webkit-box-shadow:4px 4px  
4px 4px #8470AA; box-shadow:4px 4px 4px  
4px #8470AA }
```

Background

The CSS property to change the background color of an element to Hex 8470AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8470AA }
```

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

```
.background{ background-color:#8470AA }
```

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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