

Converting Colors

Hex(8570A2)

Have a look what the booklet for
Hex(8570A2) contains.

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Color

Hex(8570A2)

Conversions

Conversions Part 1

Format	Color
Hex	8570A2
RGB	133, 112, 162
RGB Percent	52%, 44%, 64%
CMY	0.4784, 0.5608, 0.3647
CMYK	0.18, 0.31, 0.00, 0.36
HSL	265°, 21%, 54%
HSV	265°, 31%, 64%
XYZ	21.9886, 19.1835, 36.7263
YIQ	123.9790, -3.5340, 20.0020

Conversions

Conversions Part 2

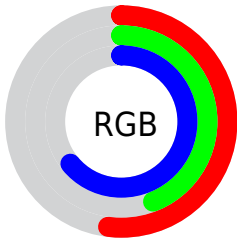
Format	Color
R_{YB}	133, 112, 162
Decimal	8745122
CIE _{Lab}	50.90, 18.57, -23.87
CIE _{LCh}	51, 30.248, 307.885
Yxy	19.1835, 0.2823, 0.2463
Android (android.graphics.Color)	4286935202 (0xFF8570A2)
YUV	123.9790, 18.7444, 7.9114
Hunter-Lab	43.7990, 12.9650, -19.0565

Details

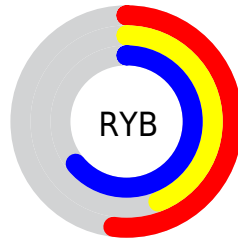
The Hex color **8570A2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8DA270**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **BBA4D9**, and **53406E** is the 20% darker color. If you saturate the color by 10%, you get **7C60A2**, and if you desaturate by 10%, it is **8E80A2**.

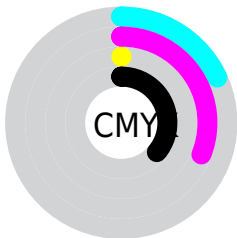
Distribution



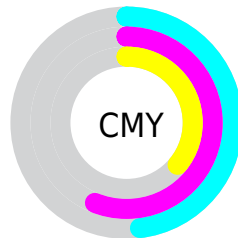
- Red (52%)
- Green (44%)
- Blue (64%)



- Red (52%)
- Yellow (44%)
- Blue (64%)



- Cyan (18%)
- Magenta (31%)
- Yellow (0%)
- Black (36%)



- Cyan (48%)
- Magenta (56%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8570A2 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 8570A2 by changing the saturation by 10% instead.

■ 8570A2

■ 8570A2

FFFFFF

■ 6B5788

■ BBA4D9

■ 53406E

■ D7BFF6

■ 3B2A56

■ F3DBFF

■ 24153E

■ FFF7FF

■ 120028

■ 000112

■ 000000

■ 8570A2

■ 8570A2

■ 7C60A2

■ 8E80A2

7250A2

9890A2

693FA2

A1A1A2

5F2FA2

ABB1A2

561FA2

B4C1A2

4D0FA2

BDD1A2

4400A2

C7E1A2

D0F2A2

DAFFA2

Harmonies

Analogous

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



5F79AC



8570A2



9F688D

Triad

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



8570A2



9A714A



20877F

Complementary

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



8570A2



8DA270

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.



478565



8570A2



837A45

Square

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



8570A2



A8695B



688150



008698

Rectangle

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



8570A2



A9657C



688150



2E8776

Sweetspot

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



8570A2



C9C1D4



708DA2



645F6B



EBEBEB



6B6B6B

Same Dimension

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



8570A2



A685D4



9E70A2



4D4952



3D0091



070012

Inverse Universe

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



A2708D



D485B3



74A270



52494E



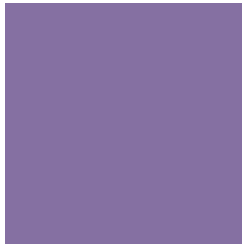
910054



12000A

Previews

White Background



This preview shows how the Hex color 8570A2 looks on a white background.

Color Contrast Check

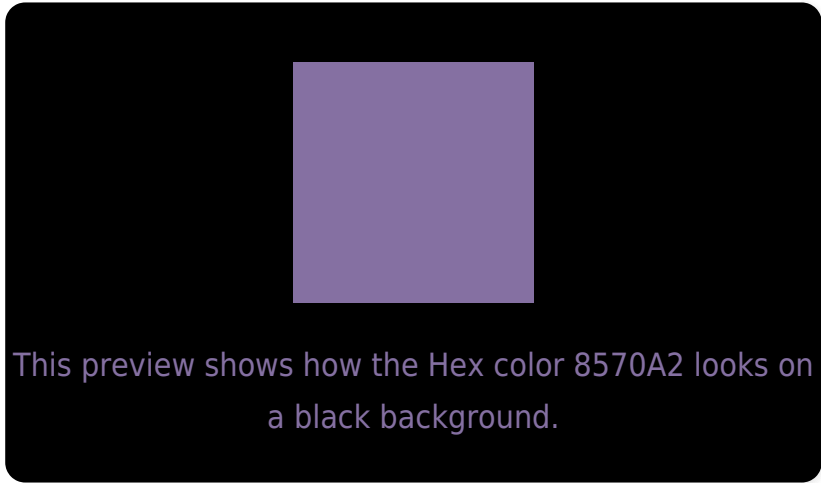
Large Text (above 18pt) WCAG AA ✓ Pass

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

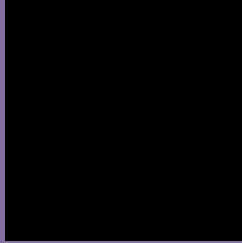
Any Text WCAG AA ✓ Pass

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 8570A2 Background



This preview shows how black text looks on a background with the Hex color 8570A2.

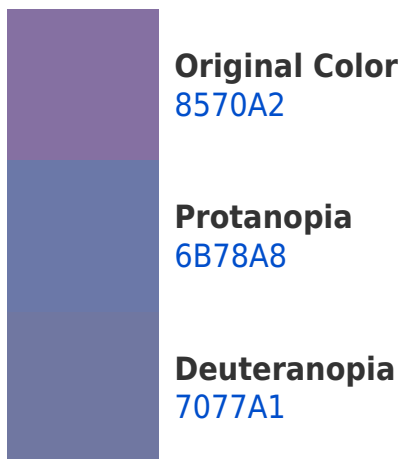


This preview shows how white text looks on a background with the Hex color 8570A2.

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
7F7780

Trichromacy



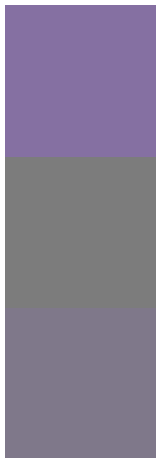
Original Color
8570A2

Protanomaly
7475A6

Deuteranomaly
7874A1

Tritanomaly
81748C

Monochromacy



Original Color
8570A2

Achromatopsia
7C7C7C

Achromatomaly
7F788A

CSS Examples

Text

The CSS property to change the color of the text to Hex 8570A2 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 #8570A2 looks like.

```
.text, #text, p{  
    color:#8570A2  
}
```

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 #8570A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8570A2
}
```

Border

The CSS property to change the border of an element to Hex 8570A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

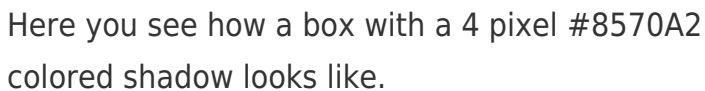
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8570A2 }
```

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

```
.border{ border-color:#8570A2 }
```

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



Here you see how a box with a 4 pixel #8570A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8570A2; -webkit-box-shadow:4px 4px  
4px 4px #8570A2; box-shadow:4px 4px 4px  
4px #8570A2 }
```

Background

The CSS property to change the background color of an element to Hex 8570A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8570A2 }
```

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

```
.background{ background-color:#8570A2 }
```

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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