

Converting Colors

Hex(8084A6)

Have a look what the booklet for
Hex(8084A6) contains.

Hex(8084A6)	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(8084A6)

Conversions

Conversions Part 1

Format	Color
Hex	8084A6
RGB	128, 132, 166
RGB Percent	50%, 52%, 65%
CMY	0.4980, 0.4824, 0.3490
CMYK	0.23, 0.20, 0.00, 0.35
HSL	234°, 18%, 58%
HSV	234°, 23%, 65%
XYZ	24.0363, 23.8449, 39.4121
YIQ	134.6800, -13.2980, 9.7260

Conversions

Conversions Part 2

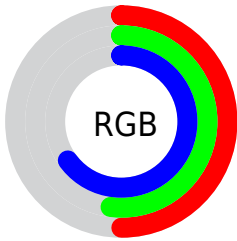
Format	Color
R_{YB}	128, 132, 166
Decimal	8422566
CIE _{Lab}	55.93, 6.14, -18.51
CIE _{LCh}	56, 19.504, 288.338
Yxy	23.8449, 0.2754, 0.2732
Android (android.graphics.Color)	4286612646 (0xFF8084A6)
YUV	134.6800, 15.4408, -5.8584
Hunter-Lab	48.8312, 2.4087, -13.6716

Details

The Hex color **8084A6** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **A6A280**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **B5B9DD**, and **4E5372** is the 20% darker color. If you saturate the color by 10%, you get **6F75A6**, and if you desaturate by 10%, it is **9193A6**.

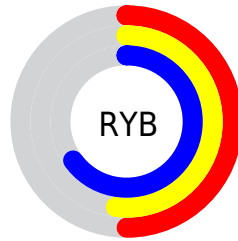
Distribution



Red (50%)

Green (52%)

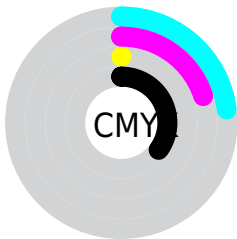
Blue (65%)



Red (50%)

Yellow (52%)

Blue (65%)

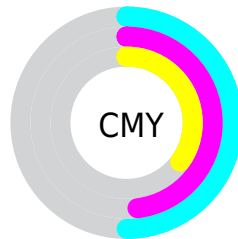


Cyan (23%)

Magenta (20%)

Yellow (0%)

Black (35%)



Cyan (50%)

Magenta (48%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8084A6 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 8084A6 by changing the saturation by 10% instead.



8084A6



8084A6

FFFFFF



676B8C



B5B9DD



4E5372



D1D5FA



363C59



EEF1FF



202642



09122C



000117



000000



8084A6



8084A6



6F75A6



9193A6

5F66A6

A1A2A6

4E57A6

B2B1A6

3E49A6

C2BFA6

2D3AA6

D3CEA6

1C2BA6

E4DDA6

0C1CA6

F4ECA6

0011A6

FFFBA6

FFFA6

Harmonies

Analogous

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



698AA7



8084A6



957E9D

Triad

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



8084A6



A57D6D



628F7F

Complementary

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



8084A6



A6A280

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.



748D6F



8084A6



998365

Square

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



8084A6



A97A7C



888866



579090

Rectangle

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



8084A6



A07B93



888866



688F79

Sweetspot

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



8084A6



CACBD9



80A6A2



65666E



EDEDED



6E6E6E

Same Dimension

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



8084A6



9EA4D9



8F80A6



4C4D54



001094



000214

Inverse Universe

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



A68084



D99EA4



97A680



544C4D



940010



140002

Previews

White Background



This preview shows how the Hex color 8084A6 looks on a white background.

Color Contrast Check

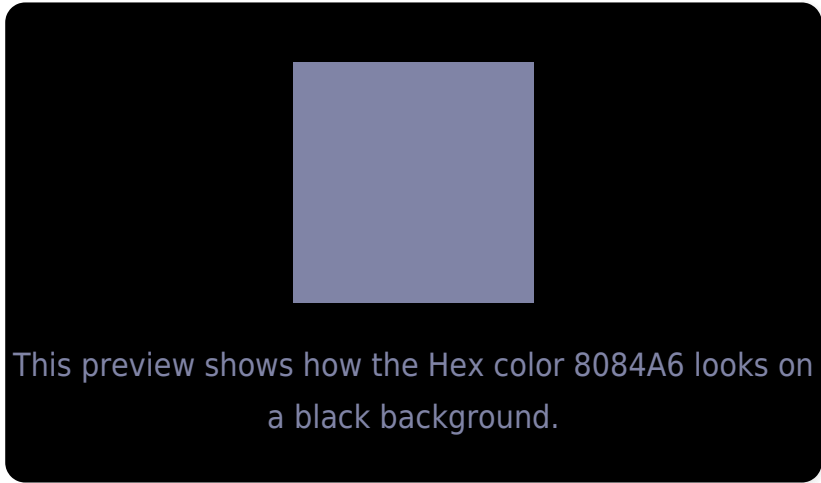
Large Text (above 18pt) WCAG AA ✓ Pass

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

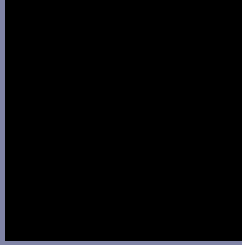
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

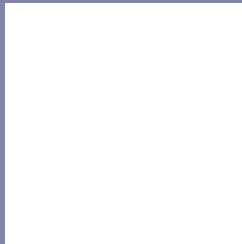
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8084A6 Background



This preview shows how black text looks on a background with the Hex color 8084A6.



This preview shows how white text looks on a background with the Hex color 8084A6.

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

8084A6

Protanopia

7E85A6

Deuteranopia

8383A6



Tritanopia
7C8892

Trichromacy



Original Color
8084A6

Protanomaly
7F85A6

Deuteranomaly
8283A6

Tritanomaly
7D8799

Monochromacy



Original Color
8084A6

Achromatopsia
878787

Achromatomaly
848692

CSS Examples

Text

The CSS property to change the color of the text to Hex 8084A6 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 #8084A6 looks like.

```
.text, #text, p{  
    color:#8084A6  
}
```

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 #8084A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8084A6
}
```

Border

The CSS property to change the border of an element to Hex 8084A6 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
#8084A6 }
```

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

```
.border{ border-color:#8084A6 }
```

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

Here you see how a box with a 4 pixel #8084A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8084A6; -webkit-box-shadow:4px 4px  
4px 4px #8084A6; box-shadow:4px 4px 4px  
4px #8084A6 }
```

Background

The CSS property to change the background color of an element to Hex 8084A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8084A6 }
```

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

```
.background{ background-color:#8084A6 }
```

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