

# Converting Colors

Hex(8764AA)

Have a look what the booklet for  
Hex(8764AA) contains.

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# Color

**Hex(8764AA)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 8764AA                     |
| RGB         | 135, 100, 170              |
| RGB Percent | 53%, 39%, 67%              |
| CMY         | 0.4706, 0.6078, 0.3333     |
| CMYK        | 0.21, 0.41, 0.00, 0.33     |
| HSL         | 270°, 29%, 53%             |
| HSV         | 270°, 41%, 67%             |
| XYZ         | 21.8045, 17.1675, 40.1946  |
| YIQ         | 118.4450, -1.6100, 29.1900 |

# Conversions

## Conversions Part 2

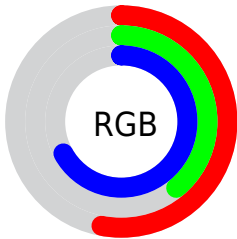
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 135, 100, 170                 |
| Decimal                             | 8873130                       |
| CIE Lab                             | 48.47, 28.19, -32.32          |
| CIE LCh                             | 48, 42.886, 311.103           |
| Yxy                                 | 17.1675, 0.2754,<br>0.2169    |
| Android<br>(android.graphics.Color) | 4287063210<br>(0xFF8764AA)    |
| YUV                                 | 118.4450, 25.4166,<br>14.5187 |
| Hunter-Lab                          | 41.4337, 21.4269,<br>-28.5134 |

# Details

The Hex color **8764AA** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **87AA64**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **BD97E2**, and **533475** is the 20% darker color. If you saturate the color by 10%, you get **7E53AA**, and if you desaturate by 10%, it is **8F75AA**.

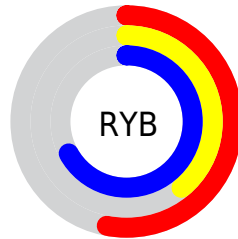
# Distribution



Red (53%)

Green (39%)

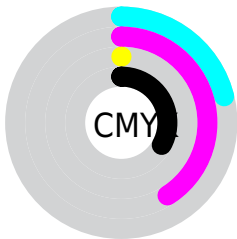
Blue (67%)



Red (53%)

Yellow (39%)

Blue (67%)

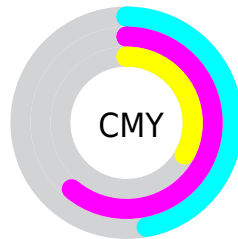


Cyan (21%)

Magenta (41%)

Yellow (0%)

Black (33%)



Cyan (47%)

Magenta (61%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8764AA 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 8764AA by changing the saturation by 10% instead.



8764AA

8764AA

FFFFFF

6D4C8F

BD97E2

533475

DAB2FE

3B1E5C

F7CEFF

220844

FFEAFF

0E002E

000118

000000

8764AA

8764AA

7E53AA

8F75AA

7642AA

9886AA

6D31AA

A097AA

6520AA

A9A8AA

5D0FAA

B1B9AA

5500AA

BACAAA

C2DBAA

CBECAA

D3FDAA

# Harmonies

## Analogous

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



4A72BA



8764AA



A9578B

# Triad

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



8764AA



9A692D



008580

# Complementary

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



8764AA



87AA64

# 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.



0A835A



8764AA



7B7527

# Square

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



8764AA



B05B45



537E3A



0083A2

# Rectangle

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



8764AA



B45373



537E3A



008573



# Sweetspot

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



8764AA



D1C3DE



6487AA



686070



F0F0F0



707070



# Same Dimension

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



8764AA



A771DE



AA64AA



504C54



4A0094



0A0014



# Inverse Universe

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



AA6487



DE71A7



64AA64



544C50



94004A



14000A



# Previews

## White Background



This preview shows how the Hex color 8764AA looks on a white background.

## Color Contrast Check

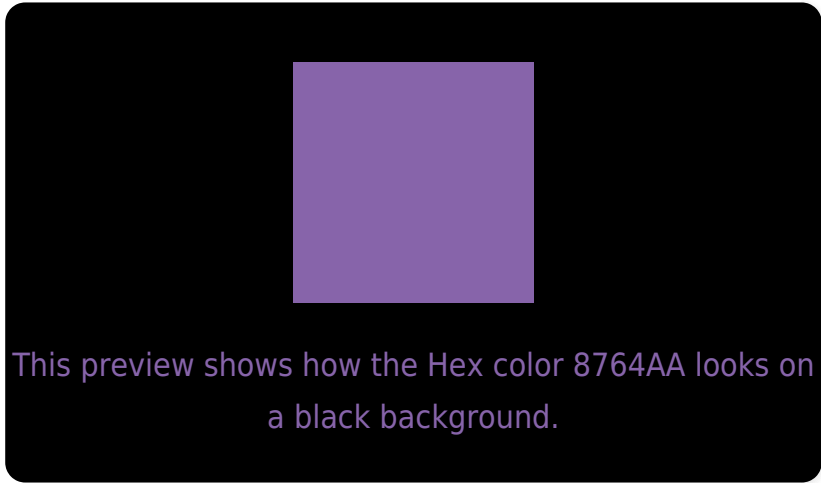
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 8764AA Background



This preview shows how black text looks on a background with the Hex color 8764AA.

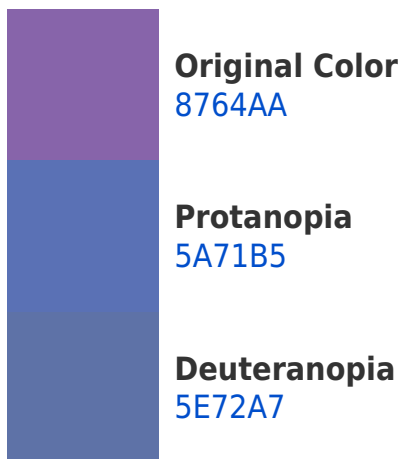


This preview shows how white text looks on a background with the Hex color 8764AA.

# 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**  
7E6F78

# Trichromacy



**Original Color**  
8764AA

**Protanomaly**  
6A6CB1

**Deuteranomaly**  
6D6DA8

**Tritanomaly**  
816B8A

# Monochromacy



**Original Color**  
8764AA

**Achromatopsia**  
767676

**Achromatomaly**  
7C6F89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8764AA 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 #8764AA looks like.

```
.text, #text, p{  
    color:#8764AA  
}
```

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 #8764AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8764AA
}
```

## Border

The CSS property to change the border of an element to Hex 8764AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

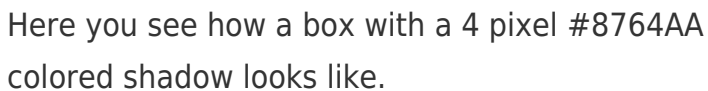
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8764AA }
```

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

```
.border{ border-color:#8764AA }
```

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



Here you see how a box with a 4 pixel #8764AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8764AA; -webkit-box-shadow:4px 4px  
4px 4px #8764AA; box-shadow:4px 4px 4px  
4px #8764AA }
```

# Background

The CSS property to change the background color of an element to Hex 8764AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8764AA }
```

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

```
.background{ background-color:#8764AA }
```

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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