

# Converting Colors

Hex(8C728A)

Have a look what the booklet for  
Hex(8C728A) contains.

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**Color**

**Hex(8C728A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C728A
RGB	140, 114, 138
RGB Percent	55%, 45%, 54%
CMY	0.4510, 0.5529, 0.4588
CMYK	0.00, 0.19, 0.01, 0.45
HSL	305°, 10%, 50%
HSV	305°, 19%, 55%
XYZ	21.4200, 19.4451, 26.6691
YIQ	124.5100, 7.7920, 12.9760

# Conversions

## Conversions Part 2

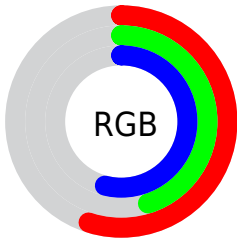
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 114, 138
Decimal	9204362
CIE <sub>Lab</sub>	51.20, 14.60, -9.27
CIE <sub>LCh</sub>	51, 17.293, 327.599
Yxy	19.4451, 0.3172, 0.2879
Android (android.graphics.Color)	4287394442 (0xFF8C728A)
YUV	124.5100, 6.6506, 13.5847
Hunter-Lab	44.0965, 9.5377, -4.9903

# Details

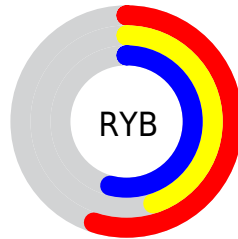
The Hex color **8C728A** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **728C74**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **C2A6BF**, and **5A4258** is the 20% darker color. If you saturate the color by 10%, you get **8C6489**, and if you desaturate by 10%, it is **8C808B**.

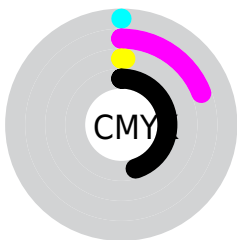
# Distribution



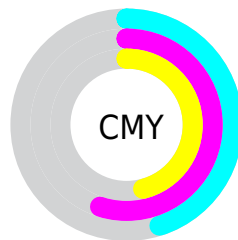
- Red (55%)
- Green (45%)
- Blue (54%)



- Red (55%)
- Yellow (45%)
- Blue (54%)



- Cyan (0%)
- Magenta (19%)
- Yellow (1%)
- Black (45%)



- Cyan (45%)
- Magenta (55%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C728A 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 8C728A by changing the saturation by 10% instead.





8C728A



8C728A

FFFFFF



725971



C2A6BF



5A4258



DEC1DB



422B41



FADDF8



2B172B



FFFAFF



190017



000000



8C728A



8C728A



8C6489



8C808B



8C5688



8C8E8C

 8C4887

 8C9C8D

 8C3A86

 8CAA8E

 8C2C85

 8CB88F

 8C1E84

 8CC690

 8C1082

 8CD492

 8C0281

 8CE293

 8C0081

 8CF094

# Harmonies

## Analogous

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



7B7794



8C728A



96707C

# Triad

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



8C728A



86795D



508287

# Complementary

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



8C728A



728C74

# 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.



578278



8C728A



767D60

# Square

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



8C728A



927462



66816A



568092

# Rectangle

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



8C728A



997072



66816A



518282



# Sweetspot

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



8C728A



B5AAB4



74728C



5C555B



DBDBDB



5C5C5C



# Same Dimension

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



8C728A



B58DB2



8C727D



453E44



85007A



050005



# Inverse Universe

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



8C728A



B58DB2



728C81



453E44



85007A

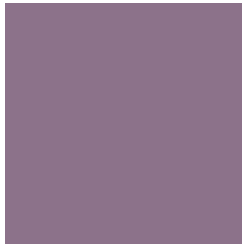


050005



# Previews

## White Background



This preview shows how the Hex color 8C728A looks on a white background.

## Color Contrast Check

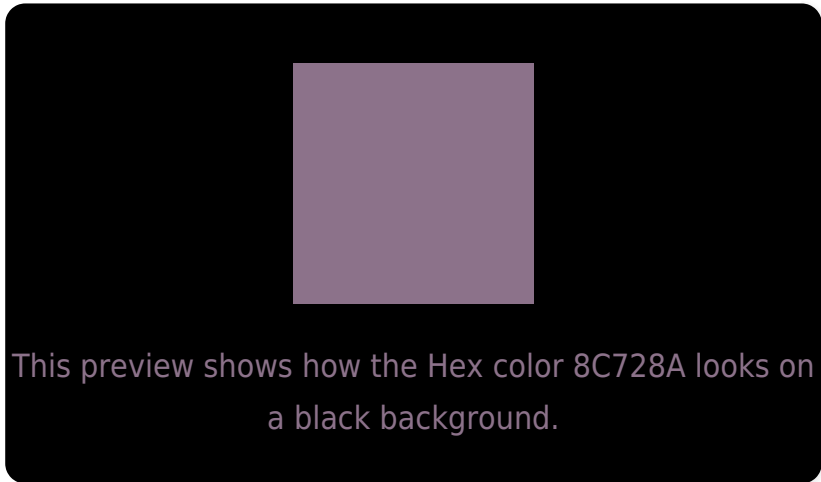
Large Text (above 18pt) WCAG AA ✓ Pass

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

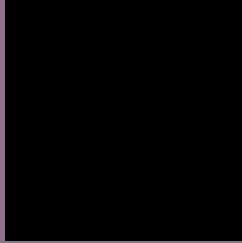
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C728A Background



This preview shows how black text looks on a background with the Hex color 8C728A.



This preview shows how white text looks on a background with the Hex color 8C728A.

# 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**  
8C728A

**Protanopia**  
76798F

**Deuteranopia**  
7F7789



**Tritanopia**  
8A747D

# Trichromacy



**Original Color**  
8C728A

**Protanomaly**  
7E768D

**Deuteranomaly**  
847589

**Tritanomaly**  
8B7382

# Monochromacy



**Original Color**  
8C728A

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
827982

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C728A 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 #8C728A looks like.

```
.text, #text, p{  
    color:#8C728A  
}
```

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 #8C728A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C728A
}
```

## Border

The CSS property to change the border of an element to Hex 8C728A is called "border". The border property can be set on classes, ids or directly on the HTML element.

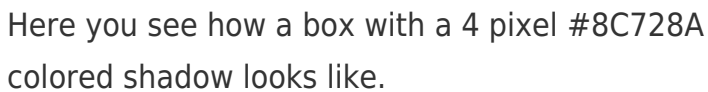
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C728A }
```

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

```
.border{ border-color:#8C728A }
```

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



Here you see how a box with a 4 pixel #8C728A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C728A; -webkit-box-shadow:4px 4px  
4px 4px #8C728A; box-shadow:4px 4px 4px  
4px #8C728A }
```

# Background

The CSS property to change the background color of an element to Hex 8C728A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C728A }
```

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

```
.background{ background-color:#8C728A }
```

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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