

# Converting Colors

Hex(8D728B)

Have a look what the booklet for  
Hex(8D728B) contains.

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# Color

**Hex(8D728B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D728B
RGB	141, 114, 139
RGB Percent	55%, 45%, 55%
CMY	0.4471, 0.5529, 0.4549
CMYK	0.00, 0.19, 0.01, 0.45
HSL	304°, 11%, 50%
HSV	304°, 19%, 55%
XYZ	21.6620, 19.5614, 27.0601
YIQ	124.9230, 8.0670, 13.4990

# Conversions

## Conversions Part 2

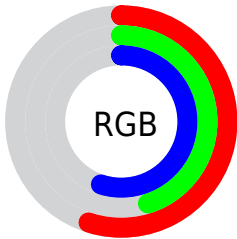
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	141, 114, 139
Decimal	9269899
CIE <sub>Lab</sub>	51.34, 15.17, -9.64
CIE <sub>LCh</sub>	51, 17.973, 327.547
Yxy	19.5614, 0.3172, 0.2865
Android (android.graphics.Color)	4287459979 (0xFF8D728B)
YUV	124.9230, 6.9400, 14.0995
Hunter-Lab	44.2283, 10.0257, -5.3155

# Details

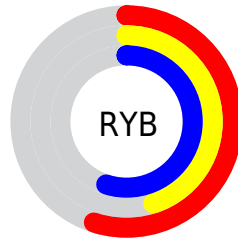
The Hex color **8D728B** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **728D74**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **C3A6C0**, and **5B4259** is the 20% darker color. If you saturate the color by 10%, you get **8D648A**, and if you desaturate by 10%, it is **8D808C**.

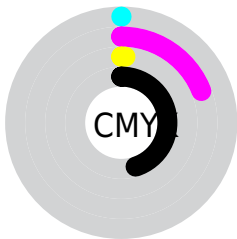
# Distribution



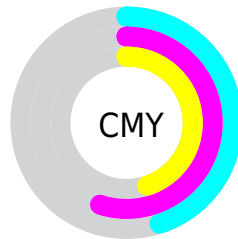
- Red (55%)
- Green (45%)
- Blue (55%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D728B 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 8D728B by changing the saturation by 10% instead.



 8D728B

 8D728B

FFFFFF

 735972

 C3A6C0

 5B4259

 DFC1DC

 432B42

 FCDDF9

 2C162B

 FFFAFF

 1A0017

 000000

 8D728B

 8D728B

 8D648A

 8D808C

 8D5689

 8D8E8D

 8D4888

 8D9C8E

 8D3A87

 8DAA8F

 8D2C86

 8DB990

 8D1D85

 8DC791

 8D0F84

 8DD592

 8D0183

 8DE393

 8D0083

 8DF194

# Harmonies

## Analogous

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



7B7795



8D728B



986F7C

# Triad

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



8D728B



87795C



4F8388

# Complementary

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



8D728B



728D74

# 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.



568378



8D728B



777E5F

# Square

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



8D728B



947461



658169



558094

# Rectangle

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



8D728B



9A7072



658169



508383



# Sweetspot

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



8D728B



B8ADB7



74728D



5C555B



DBDBDB



5C5C5C



# Same Dimension

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



8D728B



B88DB4



8D727E



474047



87007D



080007



# Inverse Universe

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



8D728B



B88DB4



728D81



474047



87007D

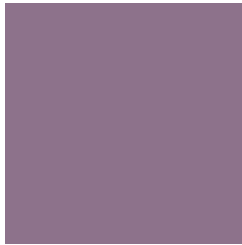


080007



# Previews

## White Background



This preview shows how the Hex color 8D728B 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

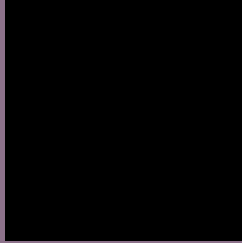
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8D728B Background



This preview shows how black text looks on a background with the Hex color 8D728B.



This preview shows how white text looks on a background with the Hex color 8D728B.

# 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**  
8B747D

# Trichromacy



**Original Color**  
8D728B

**Protanomaly**  
7E768E

**Deuteranomaly**  
84758A

**Tritanomaly**  
8C7382

# Monochromacy



**Original Color**  
8D728B

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
837982

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D728B 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 #8D728B looks like.

```
.text, #text, p{  
    color:#8D728B  
}
```

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 #8D728B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D728B
}
```

## Border

The CSS property to change the border of an element to Hex 8D728B 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
#8D728B }
```

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

```
.border{ border-color:#8D728B }
```

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

Here you see how a box with a 4 pixel #8D728B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D728B; -webkit-box-shadow:4px 4px  
4px 4px #8D728B; box-shadow:4px 4px 4px  
4px #8D728B }
```

# Background

The CSS property to change the background color of an element to Hex 8D728B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D728B }
```

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

```
.background{ background-color:#8D728B }
```

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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