

# Converting Colors

Hex(8B7083)

Have a look what the booklet for  
Hex(8B7083) contains.

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# Color

Hex(8B7083)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B7083
RGB	139, 112, 131
RGB Percent	55%, 44%, 51%
CMY	0.4549, 0.5608, 0.4863
CMYK	0.00, 0.19, 0.06, 0.45
HSL	318°, 11%, 49%
HSV	318°, 19%, 55%
XYZ	20.5384, 18.7160, 24.0028
YIQ	122.2390, 9.9930, 11.6330

# Conversions

## Conversions Part 2

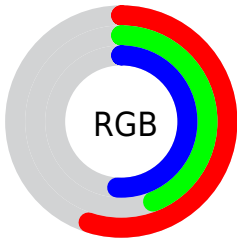
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 112, 131
Decimal	9138307
CIE <sub>Lab</sub>	50.35, 14.03, -6.42
CIE <sub>LCh</sub>	50, 15.431, 335.434
Yxy	18.7160, 0.3247, 0.2959
Android (android.graphics.Color)	4287328387 (0xFF8B7083)
YUV	122.2390, 4.3192, 14.6994
Hunter-Lab	43.2620, 9.0333, -2.6121

# Details

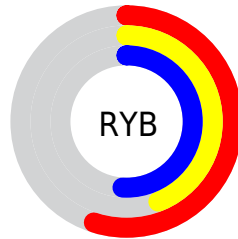
The Hex color **8B7083** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **708B78**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **C1A4B8**, and **594052** is the 20% darker color. If you saturate the color by 10%, you get **8B627F**, and if you desaturate by 10%, it is **8B7E87**.

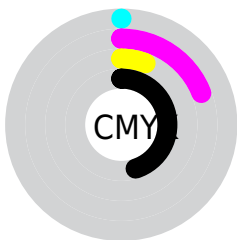
# Distribution



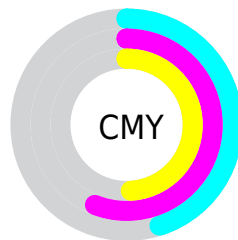
- Red (55%)
- Green (44%)
- Blue (51%)



- Red (55%)
- Yellow (44%)
- Blue (51%)



- Cyan (0%)
- Magenta (19%)
- Yellow (6%)
- Black (45%)



- Cyan (45%)
- Magenta (56%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B7083 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 8B7083 by changing the saturation by 10% instead.



8B7083

8B7083

FFFFFF

71576A

C1A4B8

594052

DDBFD4

412A3B

F9DBF0

2B1525

FFF7FF

180010

000000

8B7083

8B7083

8B627F

8B7E87

8B547B

8B8C8B

 8B4677

 8B9A8F

 8B3873

 8BA893

 8B2B6E

 8BB698

 8B1D6A

 8BC39C

 8B0F66

 8BD1A0

 8B0162

 8BDFA4

 8B0062

 8BEDA8

# Harmonies

## Analogous

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



7D748D



8B7083



926F76

# Triad

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



8B7083



80785E



547F87

# Complementary

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



8B7083



708B78

# 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.



577F7A



8B7083



717C62

# Square

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



8B7083



8B7360



627E6D



5C7C8F

# Rectangle

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



8B7083



936F6D



627E6D



547F83



# Sweetspot

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



8B7083



B5AAB2



78708B



5C555A



DBDBDB



5C5C5C



# Same Dimension

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



8B7083



B58BA9



8B7076



453E43



85005D



050004



# Inverse Universe

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



8B7083



B58BA9



708B85



453E43



85005D

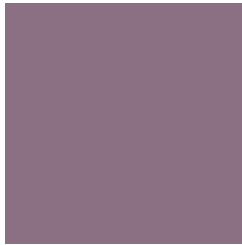


050004



# Previews

## White Background



This preview shows how the Hex color 8B7083 looks on a white background.

## Color Contrast Check

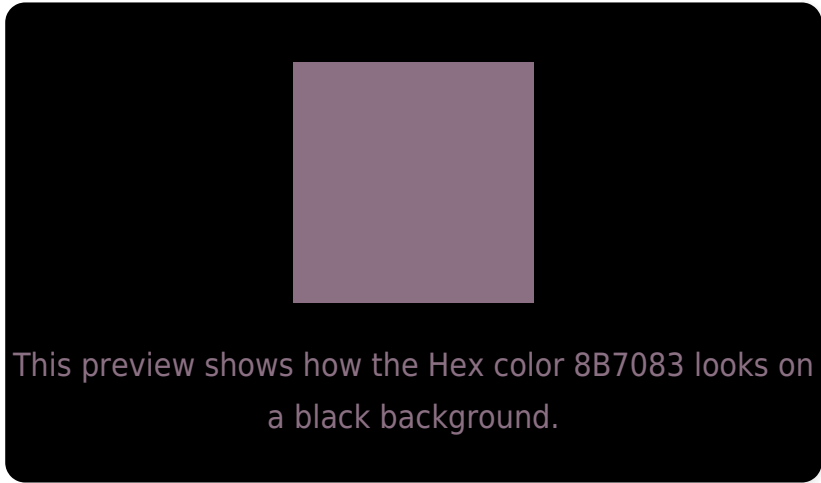
Large Text (above 18pt) WCAG AA ✓ Pass

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

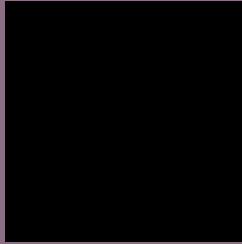
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8B7083 Background



This preview shows how black text looks on a background with the Hex color 8B7083.



This preview shows how white text looks on a background with the Hex color 8B7083.

# 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**  
8B7083

**Protanopia**  
767787

**Deuteranopia**  
7F7582



**Tritanopia**  
8A717A

# Trichromacy



**Original Color**  
8B7083

**Protanomaly**  
7E7486

**Deuteranomaly**  
837382

**Tritanomaly**  
8A717D

# Monochromacy



**Original Color**  
8B7083

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
80767D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B7083 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 #8B7083 looks like.

```
.text, #text, p{  
    color:#8B7083  
}
```

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 #8B7083 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B7083
}
```

## Border

The CSS property to change the border of an element to Hex 8B7083 is called "border". The border property can be set on classes, ids or directly on the HTML element.

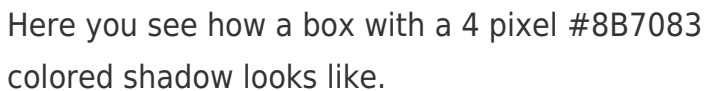
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B7083 }
```

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

```
.border{ border-color:#8B7083 }
```

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



Here you see how a box with a 4 pixel #8B7083 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B7083; -webkit-box-shadow:4px 4px  
4px 4px #8B7083; box-shadow:4px 4px 4px  
4px #8B7083 }
```

# Background

The CSS property to change the background color of an element to Hex 8B7083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B7083 }
```

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

```
.background{ background-color:#8B7083 }
```

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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