

# Converting Colors

Hex(8C83A4)

Have a look what the booklet for  
Hex(8C83A4) contains.

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# Color

**Hex(8C83A4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C83A4
RGB	140, 131, 164
RGB Percent	55%, 51%, 64%
CMY	0.4510, 0.4863, 0.3569
CMYK	0.15, 0.20, 0.00, 0.36
HSL	256°, 15%, 58%
HSV	256°, 20%, 64%
XYZ	25.6324, 24.4884, 38.4977
YIQ	137.4530, -5.2290, 12.1710

# Conversions

## Conversions Part 2

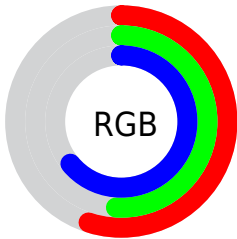
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 131, 164
Decimal	9208740
CIE <sub>Lab</sub>	56.57, 10.22, -16.30
CIE <sub>LCh</sub>	57, 19.237, 302.095
Yxy	24.4884, 0.2892, 0.2763
Android (android.graphics.Color)	4287398820 (0xFF8C83A4)
YUV	137.4530, 13.0877, 2.2337
Hunter-Lab	49.4857, 5.8584, -11.4850

# Details

The Hex color **8C83A4** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **9BA483**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **C2B8DB**, and **5A5270** is the 20% darker color. If you saturate the color by 10%, you get **8073A4**, and if you desaturate by 10%, it is **9893A4**.

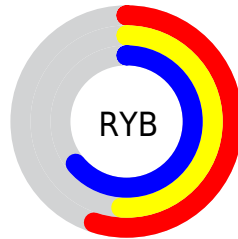
# Distribution



Red (55%)

Green (51%)

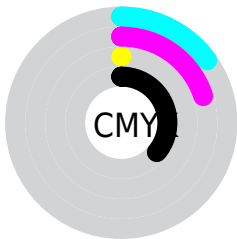
Blue (64%)



Red (55%)

Yellow (51%)

Blue (64%)

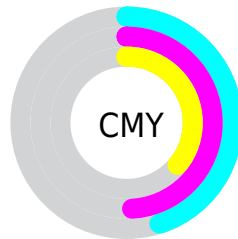


Cyan (15%)

Magenta (20%)

Yellow (0%)

Black (36%)



Cyan (45%)

Magenta (49%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C83A4 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 8C83A4 by changing the saturation by 10% instead.





8C83A4



8C83A4

FFFFFF



726A8A



C2B8DB



5A5270



DED4F8



423B58



FAF0FF



2B2540



16112A



000115



000000



8C83A4



8C83A4



8073A4



9893A4

7462A4

A4A4A4

6852A4

B0B4A4

5C41A4

BCC5A4

5031A4

C8D5A4

4421A4

D4E5A4

3910A4

DFF6A4

2D00A4

EBFFA4

F7FFA4

# Harmonies

## Analogous

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



7589A9



8C83A4



9E7E98

# Triad

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



8C83A4



A2816B



5E9188

# Complementary

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



8C83A4



9BA483

# 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.



6E9078



8C83A4



938766

# Square

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



8C83A4



A97D77



818C6B



589199

# Rectangle

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



8C83A4



A67C8D



818C6B



639183



# Sweetspot

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



8C83A4



CDC9D6



839BA4



66646B



EBEBEB



6B6B6B



# Same Dimension

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



8C83A4



B1A3D6



9C83A4



4C4952



280091



050012



# Inverse Universe

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



A4839B



D6A3C8



8BA483



52494F



91006A



12000D



# Previews

## White Background



This preview shows how the Hex color 8C83A4 looks on a white background.

## Color Contrast Check

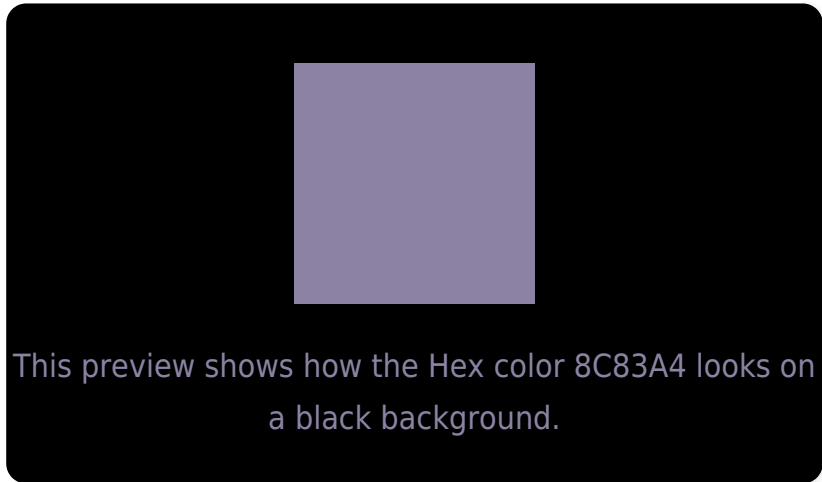
Large Text (above 18pt) WCAG AA ✓ Pass

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

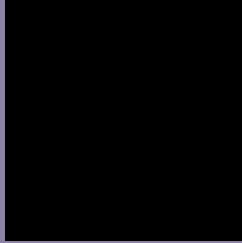
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C83A4 Background



This preview shows how black text looks on a background with the Hex color 8C83A4.



This preview shows how white text looks on a background with the Hex color 8C83A4.

# 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**  
8C83A4

**Protanopia**  
8086A6

**Deuteranopia**  
8785A4



**Tritanopia**  
898691

# Trichromacy



**Original Color**  
8C83A4

**Protanomaly**  
8485A5

**Deuteranomaly**  
8984A4

**Tritanomaly**  
8A8598

# Monochromacy



**Original Color**  
8C83A4

**Achromatopsia**  
898989

**Achromatomaly**  
8A8793

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C83A4 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 #8C83A4 looks like.

```
.text, #text, p{  
    color:#8C83A4  
}
```

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 #8C83A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C83A4
}
```

## Border

The CSS property to change the border of an element to Hex 8C83A4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

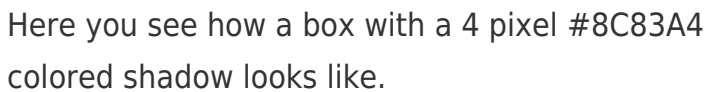
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C83A4 }
```

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

```
.border{ border-color:#8C83A4 }
```

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



Here you see how a box with a 4 pixel #8C83A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C83A4; -webkit-box-shadow:4px 4px  
4px 4px #8C83A4; box-shadow:4px 4px 4px  
4px #8C83A4 }
```

# Background

The CSS property to change the background color of an element to Hex 8C83A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C83A4 }
```

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

```
.background{ background-color:#8C83A4 }
```

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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