

# Converting Colors

Hex(679A83)

Have a look what the booklet for  
Hex(679A83) contains.

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**Color**

**Hex(679A83)**

# Conversions

## Conversions Part 1

Format	Color
Hex	679A83
RGB	103, 154, 131
RGB Percent	40%, 60%, 51%
CMY	0.5961, 0.3961, 0.4863
CMYK	0.33, 0.00, 0.15, 0.40
HSL	153°, 20%, 50%
HSV	153°, 33%, 60%
XYZ	21.2459, 27.6335, 25.6867
YIQ	136.1290, -23.0130, -17.9650

# Conversions

## Conversions Part 2

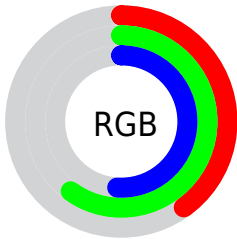
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 136, 154
Decimal	6789763
CIELab	59.56, -22.23, 6.69
CIElCh	60, 23.212, 163.249
Yxy	27.6335, 0.2849, 0.3706
Android (android.graphics.Color)	4284979843 (0xFF679A83)
YUV	136.1290, -2.5286, -29.0541
Hunter-Lab	52.5675, -19.8501, 7.8256

# Details

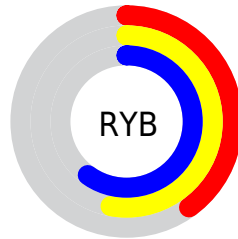
The Hex color **679A83** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9A677E**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **9CD1B8**, and **356752** is the 20% darker color. If you saturate the color by 10%, you get **589A7C**, and if you desaturate by 10%, it is **769A8A**.

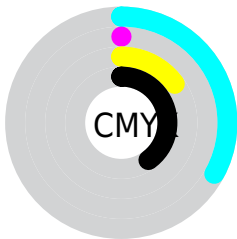
# Distribution



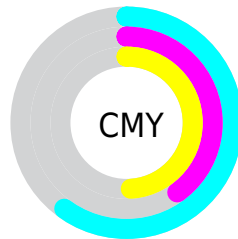
- Red (40%)
- Green (60%)
- Blue (51%)



- Red (40%)
- Yellow (53%)
- Blue (60%)



- Cyan (33%)
- Magenta (0%)
- Yellow (15%)
- Black (40%)



- Cyan (60%)
- Magenta (40%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 679A83 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 679A83 by changing the saturation by 10% instead.



 679A83

 679A83

FFFFFF

 4E806A

 9CD1B8

 356752

 B7EDD4

 1C4E3B

 D3FFF0

 003725

 F0FFFF

 002210

 000000

 679A83

 679A83

 589A7C

 769A8A

 489A75

 869A91

399A6E

959A98

299A67

A59A9F

1A9A60

B49AA6

0B9A59

C39AAD

009A55

D39AB4

E29ABB

F29AC2

# Harmonies

## Analogous

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



7E9771



679A83



569B98

# Triad

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



679A83



838EB7



B58474

# Complementary

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



679A83



9A677E

# 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.



B98187



679A83



9E87AD

# Square

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



679A83



6795B6



B1829C



A98A69

# Rectangle

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



679A83



529AA5



B1829C



B8827A



# Sweetspot

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



679A83



B5C9C0



7F9A67



5A6660



E6E6E6



666666



# Same Dimension

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



679A83



79C9A5



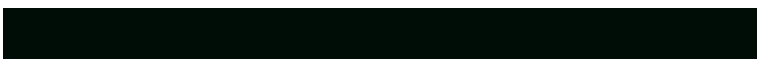
67989A



454D49



008C4D



000D07



# Inverse Universe

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



9A677E



C9799D



9A6967



4D4548



8C003F



0D0006



# Previews

## White Background



This preview shows how the Hex color 679A83 looks on a white background.

## Color Contrast Check

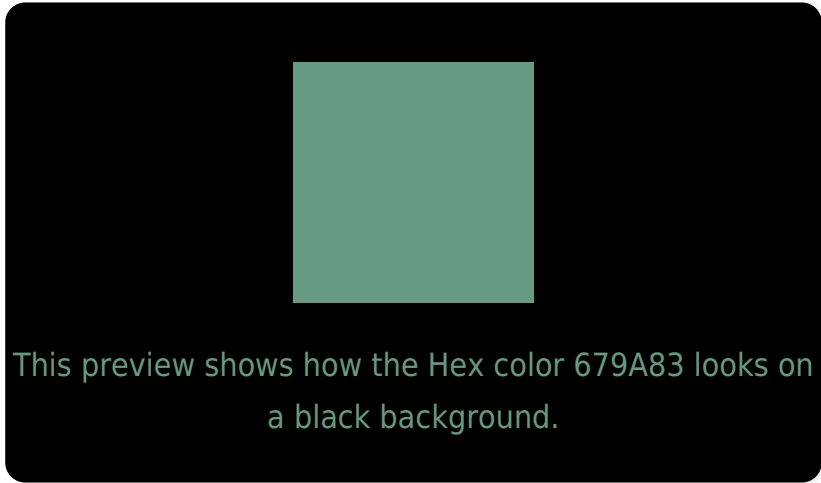
Large Text (above 18pt) WCAG AA ✓ Pass

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

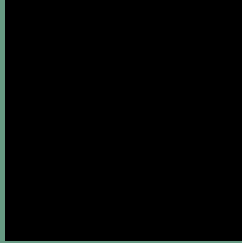
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 679A83 Background



This preview shows how black text looks on a background with the Hex color 679A83.



This preview shows how white text looks on a background with the Hex color 679A83.

# 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**  
6E96A2

# Trichromacy



**Original Color**  
679A83

**Protanomaly**  
85927F

**Deuteranomaly**  
8B9085

**Tritanomaly**  
6B9797

# Monochromacy



**Original Color**  
679A83

**Achromatopsia**  
888888

**Achromatomaly**  
7C8F86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 679A83 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 #679A83 looks like.

```
.text, #text, p{  
    color:#679A83  
}
```

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 #679A83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #679A83
}
```

## Border

The CSS property to change the border of an element to Hex 679A83 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
#679A83 }
```

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

```
.border{ border-color:#679A83 }
```

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

Here you see how a box with a 4 pixel #679A83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #679A83; -webkit-box-shadow:4px 4px  
4px 4px #679A83; box-shadow:4px 4px 4px  
4px #679A83 }
```

# Background

The CSS property to change the background color of an element to Hex 679A83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#679A83 }
```

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

```
.background{ background-color:#679A83 }
```

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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