

# Converting Colors

Hex(729383)

Have a look what the booklet for  
Hex(729383) contains.

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**Color**

**Hex(729383)**

# Conversions

## Conversions Part 1

Format	Color
Hex	729383
RGB	114, 147, 131
RGB Percent	45%, 58%, 51%
CMY	0.5529, 0.4235, 0.4863
CMYK	0.22, 0.00, 0.11, 0.42
HSL	151°, 13%, 51%
HSV	151°, 22%, 58%
XYZ	21.4699, 26.0835, 25.3758
YIQ	135.3090, -14.5320, -11.9720

# Conversions

## Conversions Part 2

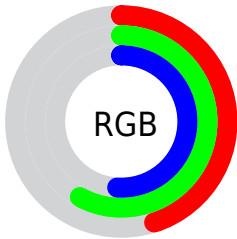
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 136, 147
Decimal	7508867
CIELab	58.12, -14.96, 4.71
CIELCh	58, 15.681, 162.528
Yxy	26.0835, 0.2944, 0.3577
Android (android.graphics.Color)	4285698947 (0xFF729383)
YUV	135.3090, -2.1243, -18.6880
Hunter-Lab	51.0720, -14.3375, 6.2915

# Details

The Hex color **729383** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **937282**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **A6C9B8**, and **416052** is the 20% darker color. If you saturate the color by 10%, you get **63937C**, and if you desaturate by 10%, it is **81938A**.

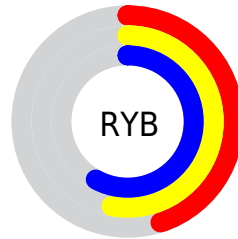
# Distribution



Red (45%)

Green (58%)

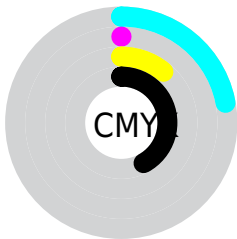
Blue (51%)



Red (45%)

Yellow (53%)

Blue (58%)

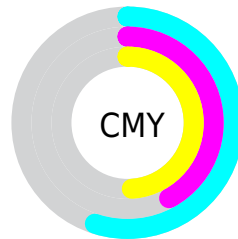


Cyan (22%)

Magenta (0%)

Yellow (11%)

Black (42%)



Cyan (55%)

Magenta (42%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 729383 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 729383 by changing the saturation by 10% instead.



 729383

 729383

FFFFFF

 59796A

 A6C9B8

 416052

 C2E5D4

 2A483B

 DEFFF0

 143225

 FAFFFF


 001D10

 000000

 729383

 729383

 63937C

 81938A

 559375

 8F9391

■ 46936E

■ 9E9398

■ 379366

■ AD93A0

■ 29935F

■ BB93A7

■ 1A9358

■ CA93AE

■ 0B9351

■ D993B5

■ 00934C

■ E893BC

■ F693C3

# Harmonies

## Analogous

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



819177



729383



689491

# Triad

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



729383



848BA6



A6847A

# Complementary

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



729383



937282

# 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.



A88286



729383



9586A0

# Square

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



729383



738FA5



A28394



9E8872

# Rectangle

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



729383



67939A



A28394



A8837E



# Sweetspot

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



729383



B2BFB9



839372



59615D



E0E0E0



616161



# Same Dimension

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



729383



8CBFA6



729393



434A46



008A47



000A05



# Inverse Universe

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



937282



BF8CA5



937272



4A4346



8A0043



0A0005



# Previews

## White Background



This preview shows how the Hex color 729383 looks on a white background.

## Color Contrast Check

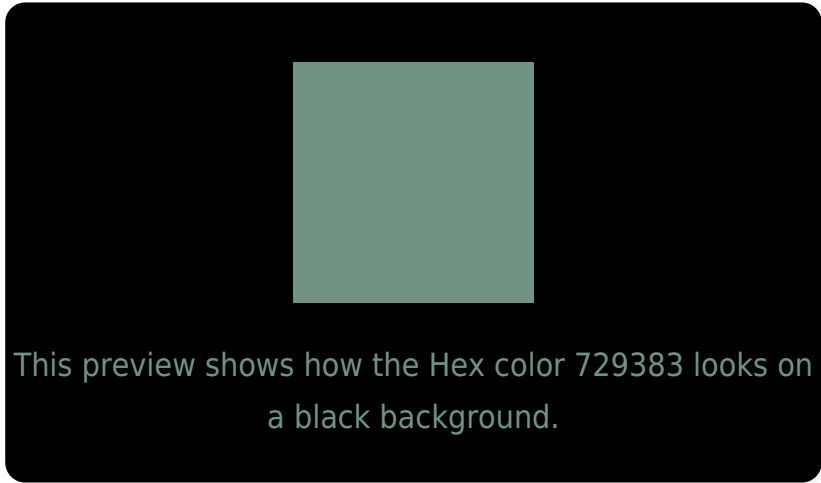
Large Text (above 18pt) WCAG AA ✓ Pass

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

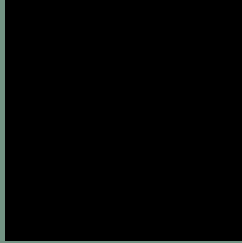
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 729383 Background



This preview shows how black text looks on a background with the Hex color 729383.

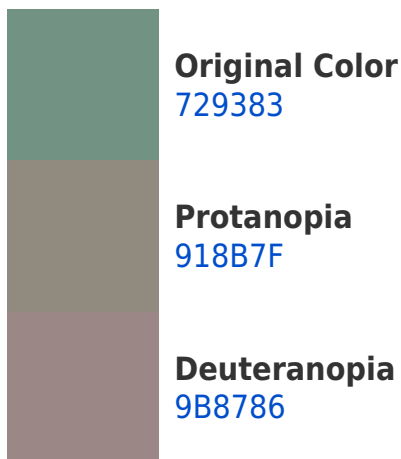


This preview shows how white text looks on a background with the Hex color 729383.

# 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**  
77909B

# Trichromacy



**Original Color**  
729383

**Protanomaly**  
868E80

**Deuteranomaly**  
8C8B85

**Tritanomaly**  
759192

# Monochromacy



**Original Color**  
729383

**Achromatopsia**  
878787

**Achromatomaly**  
7F8B86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 729383 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 #729383 looks like.

```
.text, #text, p{  
    color:#729383  
}
```

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 #729383 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #729383
}
```

## Border

The CSS property to change the border of an element to Hex 729383 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
#729383 }
```

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

```
.border{ border-color:#729383 }
```

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

Here you see how a box with a 4 pixel #729383 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #729383; -webkit-box-shadow:4px 4px  
4px 4px #729383; box-shadow:4px 4px 4px  
4px #729383 }
```

# Background

The CSS property to change the background color of an element to Hex 729383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#729383 }
```

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

```
.background{ background-color:#729383 }
```

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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