

Converting Colors

Hex(729D81)

Have a look what the booklet for
Hex(729D81) contains.

Hex(729D81)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(729D81)

Conversions

Conversions Part 1

Format	Color
Hex	729D81
RGB	114, 157, 129
RGB Percent	45%, 62%, 51%
CMY	0.5529, 0.3843, 0.4941
CMYK	0.27, 0.00, 0.18, 0.38
HSL	141°, 18%, 53%
HSV	141°, 27%, 62%
XYZ	22.9588, 29.2763, 25.2097
YIQ	140.9510, -16.6400, -17.8240

Conversions

Conversions Part 2

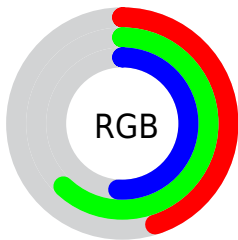
Format	Color
RYB	114, 146, 157
Decimal	7511425
CIELab	61.02, -20.61, 9.99
CIELCh	61, 22.905, 154.138
Yxy	29.2763, 0.2965, 0.3780
Android (android.graphics.Color)	4285701505 (0xFF729D81)
YUV	140.9510, -5.8918, -23.6360
Hunter-Lab	54.1076, -18.9475, 10.2510

Details

The Hex color **729D81** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9D728E**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **A7D4B6**, and **406950** is the 20% darker color. If you saturate the color by 10%, you get **629D77**, and if you desaturate by 10%, it is **829D8B**.

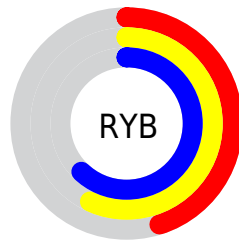
Distribution



Red (45%)

Green (62%)

Blue (51%)



Red (45%)

Yellow (57%)

Blue (62%)

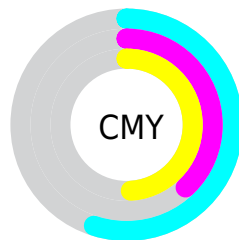


Cyan (27%)

Magenta (0%)

Yellow (18%)

Black (38%)



Cyan (55%)

Magenta (38%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 729D81 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 729D81 by changing the saturation by 10% instead.

 729D81

 729D81

FFFFFF

 598368


 A7D4B6

 406950

 C2F0D1

 295139

 DEFFEE

 113A23

 FBFFFF

 00240E

 000700

 000000

 729D81

 729D81

 629D77

 829D8B

■ 539D6D

■ 919D95

■ 439D62

■ A19DA0

■ 339D58

■ B19DAA

■ 239D4E

■ C19DB4

■ 149D44

■ D09DBE

■ 049D39

■ E09DC9

■ 009D37

■ F09DD3

■ FF9DDD

Harmonies

Analogous

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



899971



729D81



5E9F95

Triad

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



729D81



7E94BB



BB877D

Complementary

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



729D81



9D728E

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.



BB8591



729D81



9A8DB5

Square

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



729D81



649AB7



B087A5



B18C6F

Rectangle

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



729D81



589EA3



B087A5



BC8584

Sweetspot

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



729D81



BCCCC1



8F9D72



5C665F



E6E6E6



666666

Same Dimension

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



729D81



89CCA0



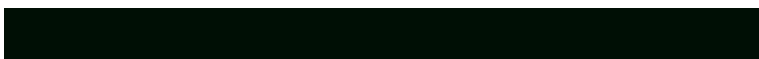
729D96



474F4A



008F32



000F05

Inverse Universe

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



9D728E



CC89B5



9D7279



4F474C



8F005D



0F000A

Previews

White Background



This preview shows how the Hex color 729D81 looks on a white background.

Color Contrast Check

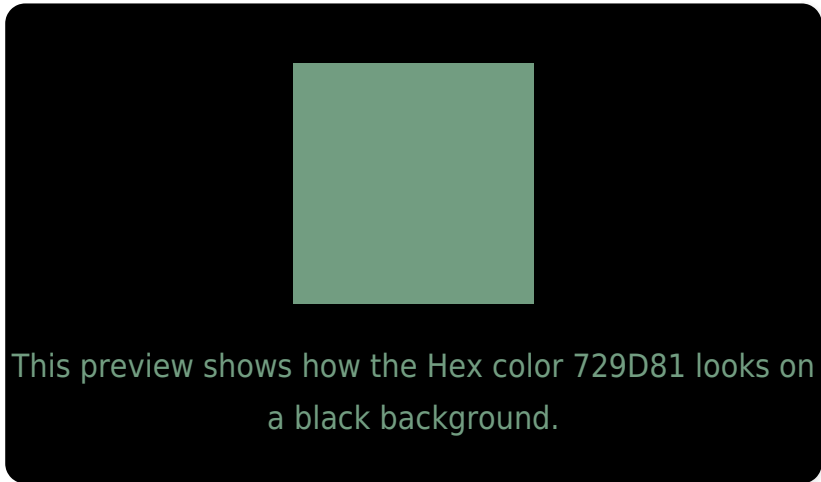
Large Text (above 18pt) WCAG AA ✓ Pass

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

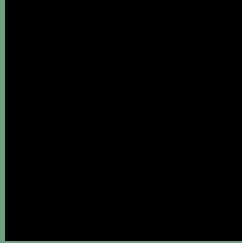
Any Text WCAG AA ✓ Pass

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 729D81 Background



This preview shows how black text looks on a background with the Hex color 729D81.

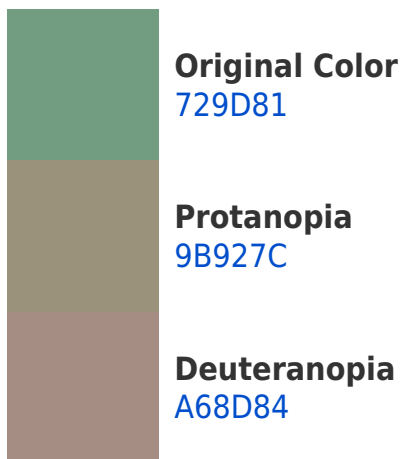


This preview shows how white text looks on a background with the Hex color 729D81.

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
7998A4

Trichromacy



Original Color
729D81

Protanomaly
8C967E

Deuteranomaly
939383

Tritanomaly
769A97

Monochromacy



Original Color
729D81

Achromatopsia
8D8D8D

Achromatomaly
839389

CSS Examples

Text

The CSS property to change the color of the text to Hex 729D81 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 #729D81 looks like.

```
.text, #text, p{  
    color:#729D81  
}
```

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 #729D81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #729D81
}
```

Border

The CSS property to change the border of an element to Hex 729D81 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
#729D81 }
```

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

```
.border{ border-color:#729D81 }
```

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

Here you see how a box with a 4 pixel #729D81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #729D81; -webkit-box-shadow:4px 4px  
4px 4px #729D81; box-shadow:4px 4px 4px  
4px #729D81 }
```

Background

The CSS property to change the background color of an element to Hex 729D81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#729D81 }
```

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

```
.background{ background-color:#729D81 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor