

# Converting Colors

Hex(709B71)

Have a look what the booklet for  
Hex(709B71) contains.

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# Color

Hex(709B71)

# Conversions

## Conversions Part 1

Format	Color
Hex	709B71
RGB	112, 155, 113
RGB Percent	44%, 61%, 44%
CMY	0.5608, 0.3922, 0.5569
CMYK	0.28, 0.00, 0.27, 0.39
HSL	121°, 18%, 52%
HSV	121°, 28%, 61%
XYZ	21.3841, 28.0797, 19.9156
YIQ	137.3550, -12.1460, -22.1780

# Conversions

## Conversions Part 2

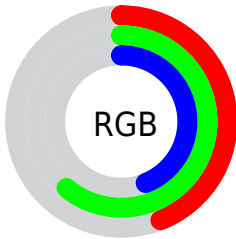
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 154, 155
Decimal	7379825
CIELab	59.96, -23.31, 17.44
CIElCh	60, 29.113, 143.206
Yxy	28.0797, 0.3082, 0.4047
Android (android.graphics.Color)	4285569905 (0xFF709B71)
YUV	137.3550, -12.0070, -22.2363
Hunter-Lab	52.9903, -20.6998, 14.8099

# Details

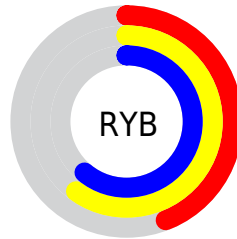
The Hex color **709B71** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9B709A**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **A5D2A5**, and **3E6841** is the 20% darker color. If you saturate the color by 10%, you get **619B62**, and if you desaturate by 10%, it is **809B80**.

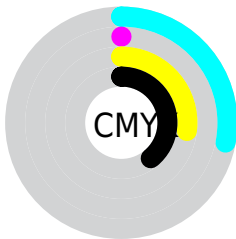
# Distribution



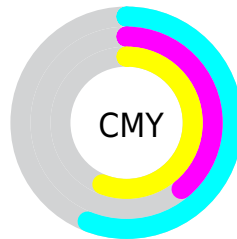
- Red (44%)
- Green (61%)
- Blue (44%)



- Red (44%)
- Yellow (60%)
- Blue (61%)



- Cyan (28%)
- Magenta (0%)
- Yellow (27%)
- Black (39%)



- Cyan (56%)
- Magenta (39%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 709B71 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 709B71 by changing the saturation by 10% instead.



 709B71

 709B71

FFFFFF

 578158

 A5D2A5

 3E6841

 C0EEC0

 274F2A

 DCFFDC

 0E3815


 F9FFF9

 002200

 000000

 709B71

 709B71

 619B62

 809B80

 519B53

 8F9B8F

 429B44

 9F9B9E

 329B34

 AE9BAE

 239B25

 BE9BBD

 139B16

 CD9BCC

 049B07

 DC9BDB

 009B04

 EC9BEA

 FB9BF9

# Harmonies

## Analogous

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



8E9561



709B71



519E8A

# Triad

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



709B71



6595C3



C37E7E

# Complementary

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



709B71



9B709A

# 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.



BF7E97



709B71



8C8CBF

# Square

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



709B71



419BB9



AB83AF



BB8468

# Rectangle

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



709B71



409F9B



AB83AF



C37D86



# Sweetspot

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



709B71



B9C9BA



9A9B70



5C665C



E6E6E6



666666



# Same Dimension

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



709B71



87C989



709B86



454D45



008C03



000D00



# Inverse Universe

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



9B709A



C987C8



9B7085



4D454C



8C0089



0D000C



# Previews

## White Background



This preview shows how the Hex color 709B71 looks on a white background.

## Color Contrast Check

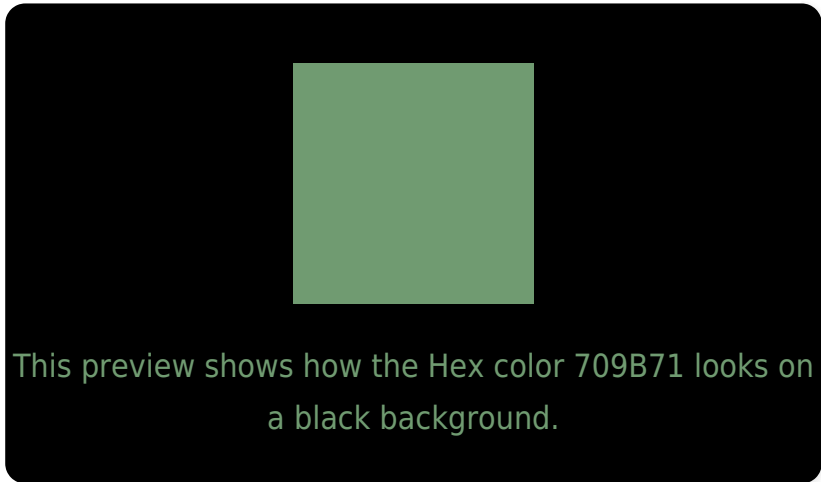
Large Text (above 18pt) WCAG AA ✓ Pass

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

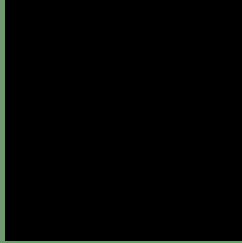
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 709B71 Background



This preview shows how black text looks on a background with the Hex color 709B71.



This preview shows how white text looks on a background with the Hex color 709B71.

# 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**  
709B71

**Protanopia**  
9A906C

**Deuteranopia**  
A78A75

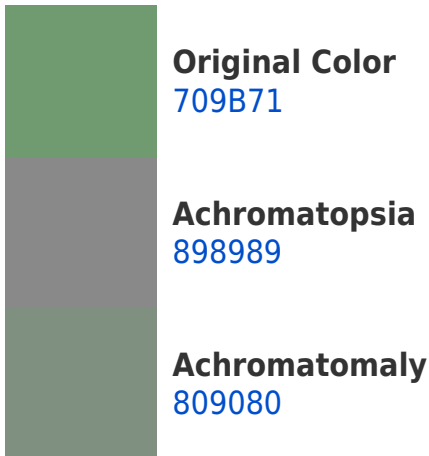


**Tritanopia**  
7995A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 709B71 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 #709B71 looks like.

```
.text, #text, p{  
    color:#709B71  
}
```

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 #709B71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #709B71
}
```

## Border

The CSS property to change the border of an element to Hex 709B71 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
#709B71 }
```

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

```
.border{ border-color:#709B71 }
```

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

Here you see how a box with a 4 pixel #709B71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #709B71; -webkit-box-shadow:4px 4px  
4px 4px #709B71; box-shadow:4px 4px 4px  
4px #709B71 }
```

# Background

The CSS property to change the background color of an element to Hex 709B71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#709B71 }
```

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

```
.background{ background-color:#709B71 }
```

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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