

# Converting Colors

Hex(769091)

Have a look what the booklet for  
Hex(769091) contains.

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# Color

**Hex(769091)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	769091
RGB	118, 144, 145
RGB Percent	46%, 56%, 57%
CMY	0.5373, 0.4353, 0.4314
CMYK	0.19, 0.01, 0.00, 0.43
HSL	182°, 11%, 52%
HSV	182°, 19%, 57%
XYZ	22.5553, 25.8424, 30.5874
YIQ	136.3400, -15.8170, -5.2010

# Conversions

## Conversions Part 2

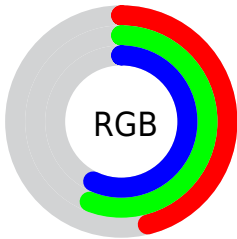
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 131, 145
Decimal	7770257
CIE <sub>Lab</sub>	57.89, -8.92, -3.59
CIE <sub>LCh</sub>	58, 9.619, 201.940
Yxy	25.8424, 0.2856, 0.3272
Android (android.graphics.Color)	4285960337 (0xFF769091)
YUV	136.3400, 4.2694, -16.0842
Hunter-Lab	50.8354, -9.7628, -0.0896

# Details

The Hex color `769091` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `917776`, and the grayscale version is `888888`.

A 20% lighter version of the original color is `ABC6C7`, and `455E5F` is the 20% darker color. If you saturate the color by 10%, you get `688F91`, and if you desaturate by 10%, it is `859191`.

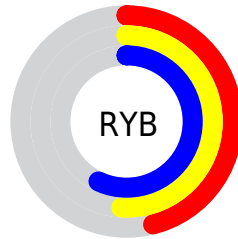
# Distribution



Red (46%)

Green (56%)

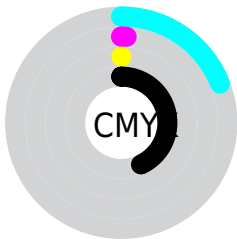
Blue (57%)



Red (46%)

Yellow (51%)

Blue (57%)

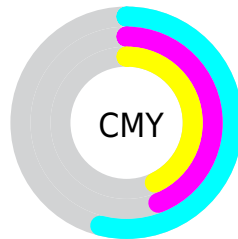


Cyan (19%)

Magenta (1%)

Yellow (0%)

Black (43%)



Cyan (54%)

Magenta (44%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 769091 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 769091 by changing the saturation by 10% instead.



■ 769091

■ 769091

FFFFFF

■ 5D7677

■ ABC6C7

■ 455E5F

■ C6E2E3

■ 2E4647

■ E2FEFF

■ 183031

■ 011B1C

■ 000000

■ 769091

■ 769091

■ 688F91

■ 859191

■ 598F91

■ 939191

4B8E91

A29291

3C8E91

B09291

2D8D91

BF9391

1F8D91

CD9391

118C91

DB9491

028C91

EA9491

008C91

F99591

# Harmonies

## Analogous

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



7A9088



769091



788F98

# Triad

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



769091



948796



948A7B

# Complementary

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



769091



917776

# 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.



9B877E



769091



9B868E

# Square

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



769091



8A8A9B



9D8685



8B8C7B

# Rectangle

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



769091



7D8D9B



9D8685



97897B



# Sweetspot

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



769091



B1BCBD



769177



585E5E



DEDEDE



5E5E5E



# Same Dimension

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



769091



93BBBD



768391



404747



008287



000708



# Inverse Universe

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



917690



BD93BB



918476



474047



870082



080007



# Previews

## White Background



This preview shows how the Hex color 769091 looks on a white background.

## Color Contrast Check

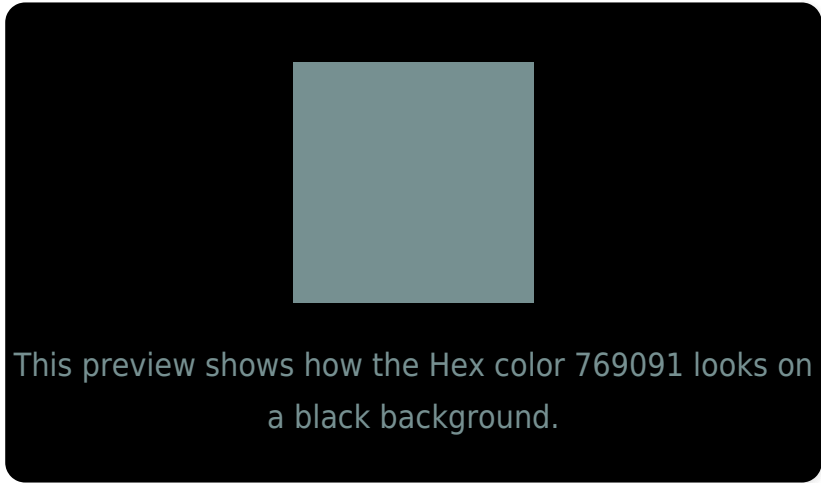
Large Text (above 18pt) WCAG AA ✓ Pass

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

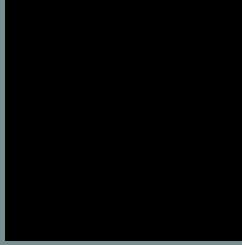
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

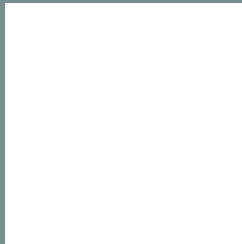
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 769091 Background



This preview shows how black text looks on a background with the Hex color 769091.

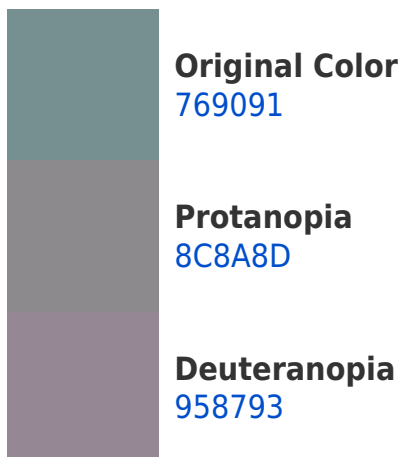


This preview shows how white text looks on a background with the Hex color 769091.

# 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](#).

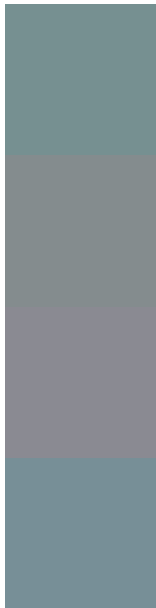
## Dichromacy





**Tritanopia**  
788F9A

# Trichromacy



**Original Color**  
769091

**Protanomaly**  
848C8E

**Deuteranomaly**  
8A8A92

**Tritanomaly**  
778F97

# Monochromacy



**Original Color**  
769091

**Achromatopsia**  
888888

**Achromatomaly**  
818B8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 769091 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 #769091 looks like.

```
.text, #text, p{  
    color:#769091  
}
```

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 #769091 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #769091
}
```

## Border

The CSS property to change the border of an element to Hex 769091 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
#769091 }
```

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

```
.border{ border-color:#769091 }
```

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

Here you see how a box with a 4 pixel #769091 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #769091; -webkit-box-shadow:4px 4px  
4px 4px #769091; box-shadow:4px 4px 4px  
4px #769091 }
```

# Background

The CSS property to change the background color of an element to Hex 769091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#769091 }
```

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

```
.background{ background-color:#769091 }
```

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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