

# Converting Colors

Hex(769390)

Have a look what the booklet for  
Hex(769390) contains.

<b>Hex(769390)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(769390)**

# Conversions

## Conversions Part 1

Format	Color
Hex	769390
RGB	118, 147, 144
RGB Percent	46%, 58%, 56%
CMY	0.5373, 0.4235, 0.4353
CMYK	0.20, 0.00, 0.02, 0.42
HSL	174°, 12%, 52%
HSV	174°, 20%, 58%
XYZ	22.9390, 26.7326, 30.3365
YIQ	137.9870, -16.3210, -7.0810

# Conversions

## Conversions Part 2

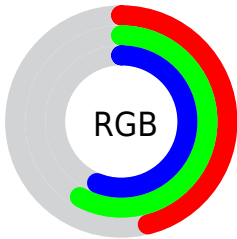
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 133, 147
Decimal	7771024
CIE <sub>Lab</sub>	58.73, -10.79, -1.79
CIE <sub>LCh</sub>	59, 10.940, 189.410
Yxy	26.7326, 0.2867, 0.3341
Android (android.graphics.Color)	4285961104 (0xFF769390)
YUV	137.9870, 2.9644, -17.5286
Hunter-Lab	51.7036, -11.2874, 1.4048

# Details

The Hex color `769390` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `937679`, and the grayscale version is `8A8A8A`.

A 20% lighter version of the original color is `ABC9C6`, and `45605E` is the 20% darker color. If you saturate the color by 10%, you get `67938E`, and if you desaturate by 10%, it is `859392`.

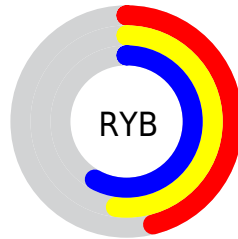
# Distribution



Red (46%)

Green (58%)

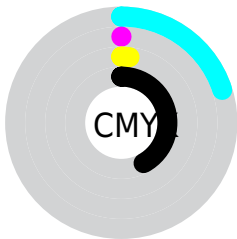
Blue (56%)



Red (46%)

Yellow (52%)

Blue (58%)

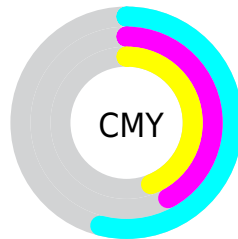


Cyan (20%)

Magenta (0%)

Yellow (2%)

Black (42%)



Cyan (54%)

Magenta (42%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 769390 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 769390 by changing the saturation by 10% instead.



■ 769390

■ 769390

FFFFFF

■ 5D7976

■ ABC9C6

■ 45605E

■ C6E5E2

■ 2E4946

■ E2FFFE

■ 183230

■ 011D1B

■ 000000

■ 769390

■ 769390

■ 67938E

■ 859392

■ 59938D

■ 939393

4A938B

A29395

3B938A

B19396

2D9388

BF9398

1E9387

CE9399

0F9385

DD939B

009384

EC939C

FA939E

# Harmonies

## Analogous

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



7D9286



769390



759299

# Triad

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



769390



938A9C



9B8A7C

# Complementary

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



769390



937679

# 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.



A18881



769390



9D8794

# Square

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



769390



878DA0



A2878A



928E7A

# Rectangle

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



769390



79919D



A2878A



9E897D



# Sweetspot

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



769390



B4BFBE



799376



5A6160



E0E0E0



616161



# Same Dimension

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



769390



91BFBB



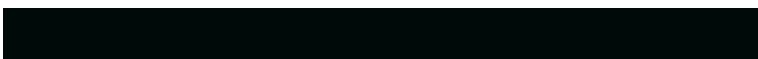
768893



434A49



008A7B



000A09



# Inverse Universe

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



937679



BF9196



938176



4A4343



8A000E



0A0001



# Previews

## White Background



This preview shows how the Hex color 769390 looks on a white background.

## Color Contrast Check

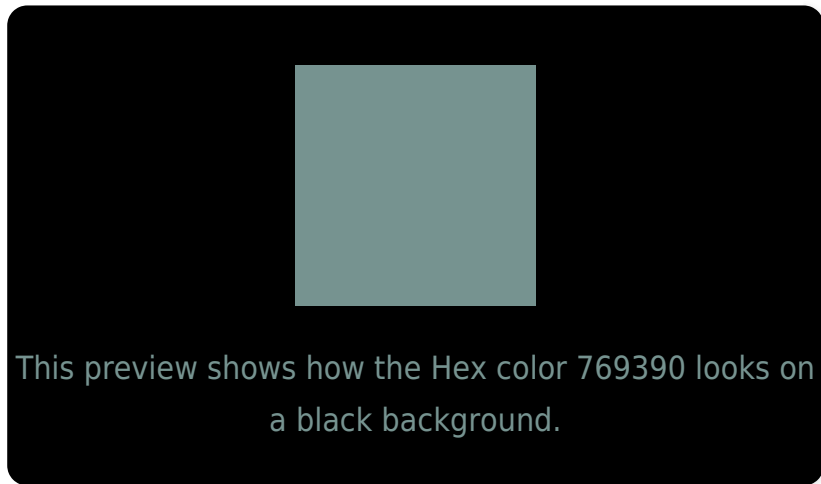
Large Text (above 18pt) WCAG AA ✓ Pass

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

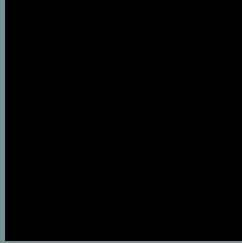
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 769390 Background



This preview shows how black text looks on a background with the Hex color 769390.



This preview shows how white text looks on a background with the Hex color 769390.

# 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**  
769390

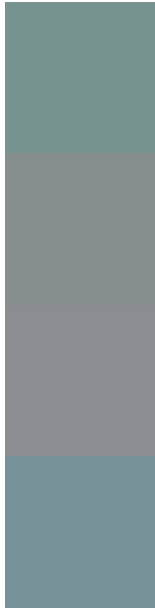
**Protanopia**  
8F8C8C

**Deuteranopia**  
988992



**Tritanopia**  
78919D

# Trichromacy



**Original Color**  
769390

**Protanomaly**  
868F8D

**Deuteranomaly**  
8C8D91

**Tritanomaly**  
779298

# Monochromacy



**Original Color**  
769390

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
838D8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 769390 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 #769390 looks like.

```
.text, #text, p{  
    color:#769390  
}
```

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 #769390 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #769390
}
```

## Border

The CSS property to change the border of an element to Hex 769390 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
#769390 }
```

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

```
.border{ border-color:#769390 }
```

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

Here you see how a box with a 4 pixel #769390 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #769390; -webkit-box-shadow:4px 4px  
4px 4px #769390; box-shadow:4px 4px 4px  
4px #769390 }
```

# Background

The CSS property to change the background color of an element to Hex 769390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#769390 }
```

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

```
.background{ background-color:#769390 }
```

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