

Converting Colors

Hex(789696)

Have a look what the booklet for
Hex(789696) contains.

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Color

Hex(789696)

Conversions

Conversions Part 1

Format	Color
Hex	789696
RGB	120, 150, 150
RGB Percent	47%, 59%, 59%
CMY	0.5294, 0.4118, 0.4118
CMYK	0.20, 0.00, 0.00, 0.41
HSL	180°, 13%, 53%
HSV	180°, 20%, 59%
XYZ	24.1571, 28.0078, 32.9870
YIQ	141.0300, -17.8800, -6.3600

Conversions

Conversions Part 2

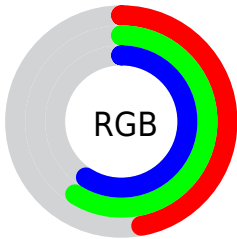
Format	Color
RYB	120, 135, 150
Decimal	7902870
CIELab	59.90, -10.42, -3.47
CIELCh	60, 10.982, 198.422
Yxy	28.0078, 0.2837, 0.3289
Android (android.graphics.Color)	4286092950 (0xFF789696)
YUV	141.0300, 4.4222, -18.4433
Hunter-Lab	52.9224, -11.1355, 0.0897

Details

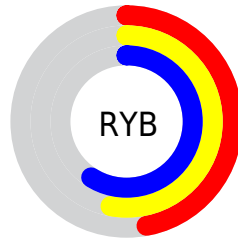
The Hex color **789696** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **967878**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **ADCCCC**, and **476363** is the 20% darker color. If you saturate the color by 10%, you get **699696**, and if you desaturate by 10%, it is **879696**.

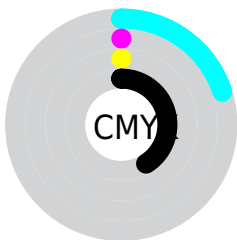
Distribution



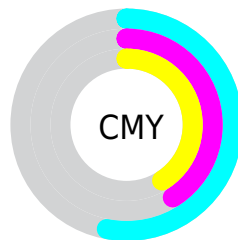
- Red (47%)
- Green (59%)
- Blue (59%)



- Red (47%)
- Yellow (53%)
- Blue (59%)



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (41%)



- Cyan (53%)
- Magenta (41%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 789696 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 789696 by changing the saturation by 10% instead.



789696



789696

FFFFFF



5F7C7C



ADCCCC



476363



C8E8E8



2F4B4B



E5FFFF



193535



031F20



000008



000000



789696



789696



699696



879696

5A9696

969696

4B9696

A59696

3C9696

B49696

2D9696

C39696

1E9696

D29696

0F9696

E19696

009696

F09696

FF9696

Harmonies

Analogous

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



7D968C



789696



7A959E

Triad

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



789696



998C9D



9C8E7E

Complementary

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



789696



967878

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.



A38C82



789696



A28A94

Square

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



789696



8E8FA3



A58A8B



92927E

Rectangle

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



789696



7E93A2



A58A8B



9F8D7F

Sweetspot

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



789696



B6C2C2



789678



5A6161



E0E0E0



616161

Same Dimension

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



789696



93C2C2



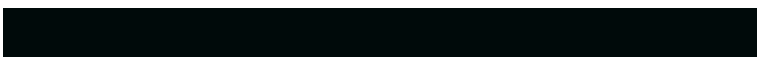
788796



434A4A



008A8A



000A0A

Inverse Universe

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



967896



C293C2



968778



4A434A



8A008A



0A000A

Previews

White Background



This preview shows how the Hex color 789696 looks on a white background.

Color Contrast Check

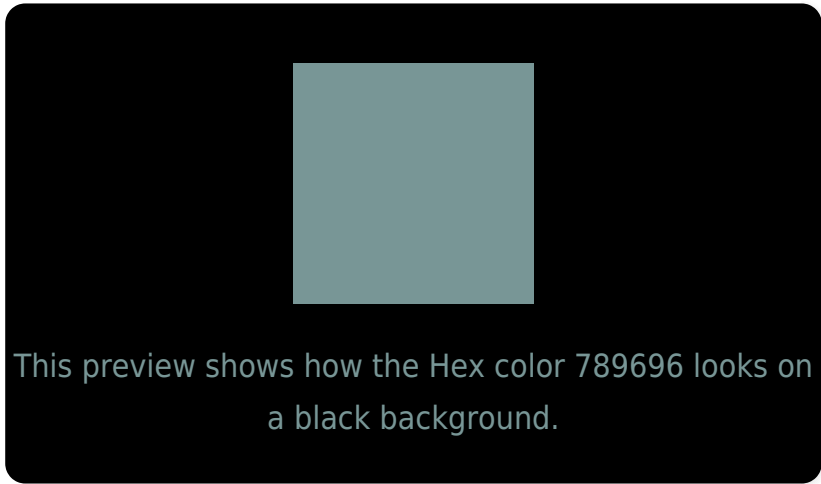
Large Text (above 18pt) WCAG AA ✓ Pass

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

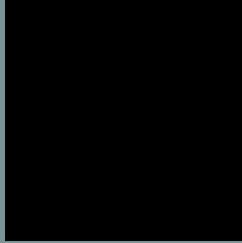
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

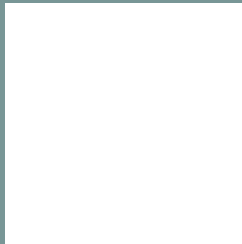
Any Text WCAG AAA × Fail

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

Hex 789696 Background



This preview shows how black text looks on a background with the Hex color 789696.

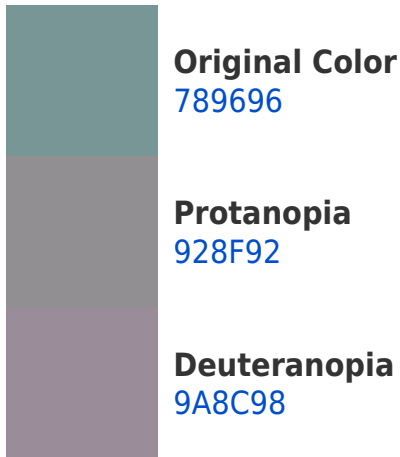


This preview shows how white text looks on a background with the Hex color 789696.

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](#).

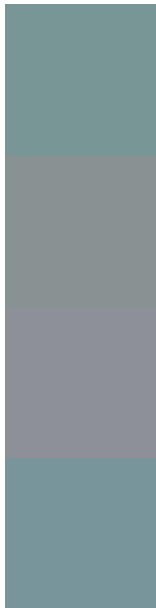
Dichromacy





Tritanopia
7A94A0

Trichromacy



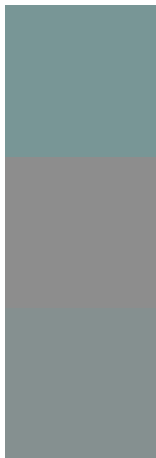
Original Color
789696

Protanomaly
899293

Deuteranomaly
8E9097

Tritanomaly
79959C

Monochromacy



Original Color
789696

Achromatopsia
8D8D8D

Achromatomaly
859090

CSS Examples

Text

The CSS property to change the color of the text to Hex 789696 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 #789696 looks like.

```
.text, #text, p{  
    color:#789696  
}
```

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 #789696 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #789696
}
```

Border

The CSS property to change the border of an element to Hex 789696 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
#789696 }
```

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

```
.border{ border-color:#789696 }
```

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

Here you see how a box with a 4 pixel #789696 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #789696; -webkit-box-shadow:4px 4px  
4px 4px #789696; box-shadow:4px 4px 4px  
4px #789696 }
```

Background

The CSS property to change the background color of an element to Hex 789696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#789696 }
```

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

```
.background{ background-color:#789696 }
```

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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