

# Converting Colors

Hex(789091)

Have a look what the booklet for  
Hex(789091) contains.

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# Color

**Hex(789091)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	789091
RGB	120, 144, 145
RGB Percent	47%, 56%, 57%
CMY	0.5294, 0.4353, 0.4314
CMYK	0.17, 0.01, 0.00, 0.43
HSL	182°, 10%, 52%
HSV	182°, 17%, 57%
XYZ	22.8298, 25.9839, 30.6002
YIQ	136.9380, -14.6250, -4.7770

# Conversions

## Conversions Part 2

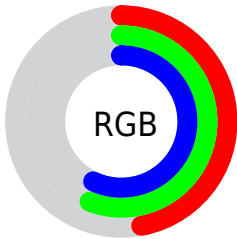
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 132, 145
Decimal	7901329
CIE Lab	58.02, -8.25, -3.38
CIE LCh	58, 8.918, 202.276
Yxy	25.9839, 0.2875, 0.3272
Android (android.graphics.Color)	4286091409 (0xFF789091)
YUV	136.9380, 3.9746, -14.8546
Hunter-Lab	50.9744, -9.2608, 0.0900

# Details

The Hex color `789091` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `917978`, and the grayscale version is `898989`.

A 20% lighter version of the original color is `ADC6C7`, and `475E5F` is the 20% darker color. If you saturate the color by 10%, you get `6A8F91`, and if you desaturate by 10%, it is `879191`.

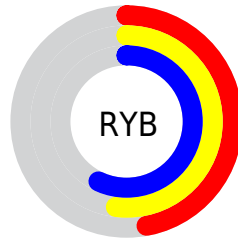
# Distribution



Red (47%)

Green (56%)

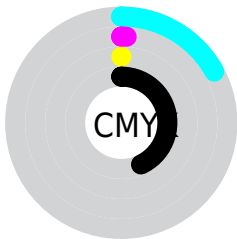
Blue (57%)



Red (47%)

Yellow (52%)

Blue (57%)

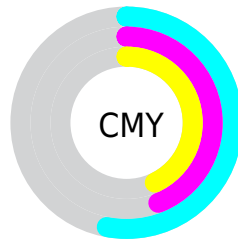


Cyan (17%)

Magenta (1%)

Yellow (0%)

Black (43%)



Cyan (53%)

Magenta (44%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 789091 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 789091 by changing the saturation by 10% instead.





789091



789091

FFFFFF



5F7677



ADC6C7



475E5F



C8E2E3



304647



E4FEFF



1A3031



041B1C



000000



789091



789091



6A8F91



879191



5B8F91



959191

4D8E91

A49291

3E8E91

B29291

2F8D91

C19391

218D91

CF9391

138C91

DE9491

048B91

EC9591

008B91

FB9591

# Harmonies

## Analogous

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



7B9089



789091



7A8F97

# Triad

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



789091



948895



948A7C

# Complementary

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



789091



917978

# 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.



9A887F



789091



9A868E

# Square

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



789091



8B8A9A



9C8686



8C8D7D

# Rectangle

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



789091



7E8D9A



9C8686



96897D



# Sweetspot

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



789091



B3BCBD



789179



595E5E



DEDEDE



5E5E5E



# Same Dimension

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



789091



95BBBD



788491



404747



008287



000708



# Inverse Universe

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



917890



BD95BB



918578



474047



870082



080007



# Previews

## White Background



This preview shows how the Hex color 789091 looks on a white background.

## Color Contrast Check

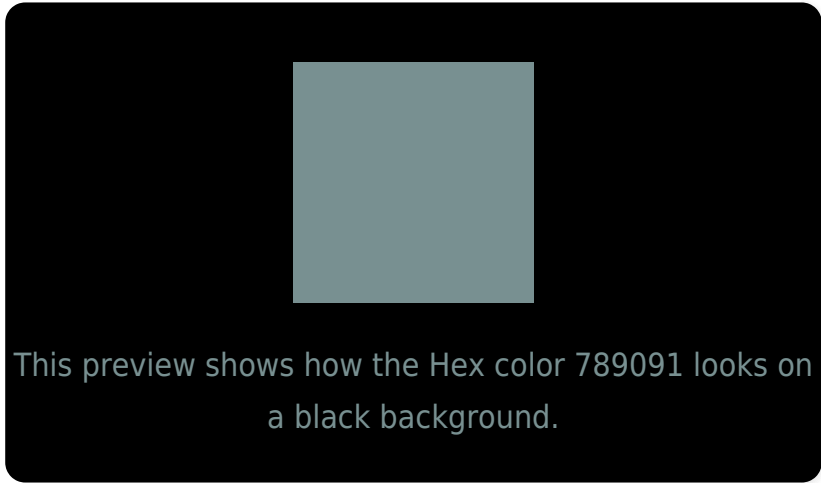
Large Text (above 18pt) WCAG AA ✓ Pass

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

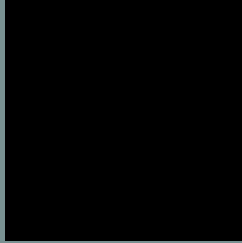
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

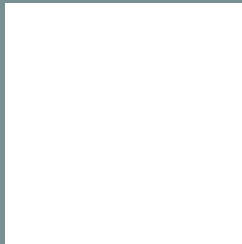
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 789091 Background



This preview shows how black text looks on a background with the Hex color 789091.



This preview shows how white text looks on a background with the Hex color 789091.

# 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**  
789091

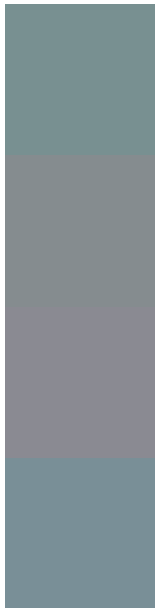
**Protanopia**  
8D8A8E

**Deuteranopia**  
958793



**Tritanopia**  
7A8F9A

# Trichromacy



**Original Color**  
789091

**Protanomaly**  
858C8F

**Deuteranomaly**  
8A8A92

**Tritanomaly**  
798F97

# Monochromacy



**Original Color**  
789091

**Achromatopsia**  
898989

**Achromatomaly**  
838C8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 789091 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 #789091 looks like.

```
.text, #text, p{  
    color:#789091  
}
```

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 #789091 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #789091
}
```

## Border

The CSS property to change the border of an element to Hex 789091 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
#789091 }
```

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

```
.border{ border-color:#789091 }
```

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

Here you see how a box with a 4 pixel #789091 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #789091; -webkit-box-shadow:4px 4px  
4px 4px #789091; box-shadow:4px 4px 4px  
4px #789091 }
```

# Background

The CSS property to change the background color of an element to Hex 789091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#789091 }
```

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

```
.background{ background-color:#789091 }
```

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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