

# Converting Colors

Hex(789181)

Have a look what the booklet for  
Hex(789181) contains.

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# Color

**Hex(789181)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	789181
RGB	120, 145, 129
RGB Percent	47%, 57%, 51%
CMY	0.5294, 0.4314, 0.4941
CMYK	0.17, 0.00, 0.11, 0.43
HSL	142°, 10%, 52%
HSV	142°, 17%, 57%
XYZ	21.8336, 25.8288, 24.6036
YIQ	135.7010, -9.7640, -10.2760

# Conversions

## Conversions Part 2

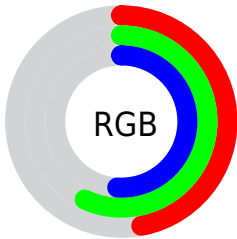
<b>Format</b>	<b>Color</b>
<b>RYB</b>	120, 138, 145
Decimal	7901569
CIELab	57.87, -12.20, 5.55
CIELCh	58, 13.408, 155.539
Yxy	25.8288, 0.3021, 0.3574
Android (android.graphics.Color)	4286091649 (0xFF789181)
YUV	135.7010, -3.3036, -13.7698
Hunter-Lab	50.8221, -12.2536, 6.8725

# Details

The Hex color **789181** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **917888**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **ADC7B6**, and **475F50** is the 20% darker color. If you saturate the color by 10%, you get **6A9178**, and if you desaturate by 10%, it is **87918A**.

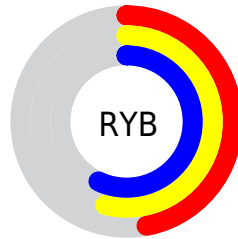
# Distribution



Red (47%)

Green (57%)

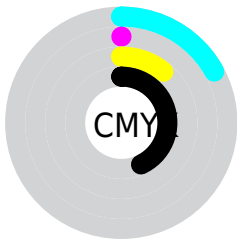
Blue (51%)



Red (47%)

Yellow (54%)

Blue (57%)

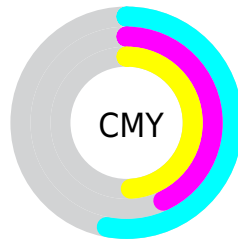


Cyan (17%)

Magenta (0%)

Yellow (11%)

Black (43%)



Cyan (53%)

Magenta (43%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 789181 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 789181 by changing the saturation by 10% instead.



■ 789181

■ 789181

FFFFFF

■ 5F7768

■ ADC7B6

■ 475F50

■ C8E3D1

■ 304739

■ E4FFEE

■ 1B3023

■ 031C0E

■ 000000

■ 789181

■ 789181

■ 6A9178

■ 87918A

■ 5B916E

■ 959194

 4D9165

 A4919D

 3E915C

 B291A6

 2F9153

 C191AF

 219149

 CF91B9

 139140

 DE91C2

 049137

 EC91CB

 009134

 FB91D5

# Harmonies

## Analogous

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



858F78



789181



6F928D

# Triad

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



789181



818BA2



A3847E

# Complementary

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



789181



917888

# 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.



A38389



789181



90879E

# Square

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



789181



748FA0



9C8495



9D8776

# Rectangle

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



789181



6C9295



9C8495



A48381



# Sweetspot

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



789181



B3BDB7



889178



595E5B



DEDEDE



5E5E5E



# Same Dimension

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



789181



95BDA3



78918D



404743



008731



000803



# Inverse Universe

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



917888



BD95AE



91787C



474045



870056



080005



# Previews

## White Background



This preview shows how the Hex color 789181 looks on a white background.

## Color Contrast Check

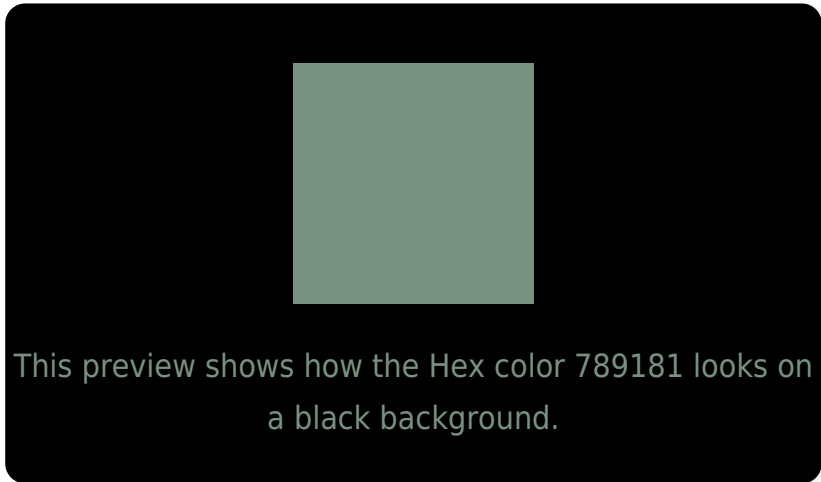
Large Text (above 18pt) WCAG AA ✓ Pass

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

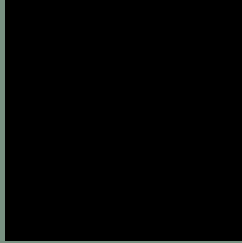
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

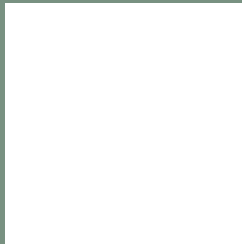
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 789181 Background



This preview shows how black text looks on a background with the Hex color 789181.



This preview shows how white text looks on a background with the Hex color 789181.

# 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**  
789181

**Protanopia**  
908A7D

**Deuteranopia**  
9B8683



**Tritanopia**  
7C8E99

# Trichromacy



**Original Color**  
789181

**Protanomaly**  
878D7E

**Deuteranomaly**  
8E8A82

**Tritanomaly**  
7B8F90

# Monochromacy



**Original Color**  
789181

**Achromatopsia**  
888888

**Achromatomaly**  
828B85

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 789181 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 #789181 looks like.

```
.text, #text, p{  
    color:#789181  
}
```

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 #789181 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #789181
}
```

## Border

The CSS property to change the border of an element to Hex 789181 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
#789181 }
```

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

```
.border{ border-color:#789181 }
```

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

Here you see how a box with a 4 pixel #789181 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #789181; -webkit-box-shadow:4px 4px  
4px 4px #789181; box-shadow:4px 4px 4px  
4px #789181 }
```

# Background

The CSS property to change the background color of an element to Hex 789181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#789181 }
```

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

```
.background{ background-color:#789181 }
```

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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