

# Converting Colors

Hex(7D7788)

Have a look what the booklet for  
Hex(7D7788) contains.

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# Color

**Hex(7D7788)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D7788
RGB	125, 119, 136
RGB Percent	49%, 47%, 53%
CMY	0.5098, 0.5333, 0.4667
CMYK	0.08, 0.12, 0.00, 0.47
HSL	261°, 7%, 50%
HSV	261°, 12%, 53%
XYZ	19.4982, 19.3312, 25.9962
YIQ	122.7320, -1.8810, 6.5590

# Conversions

## Conversions Part 2

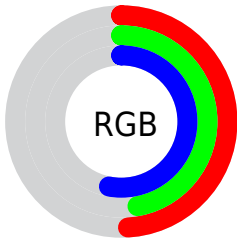
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 119, 136
Decimal	8222600
CIE Lab	51.07, 5.78, -8.43
CIE LCh	51, 10.223, 304.438
Yxy	19.3312, 0.3008, 0.2982
Android (android.graphics.Color)	4286412680 (0xFF7D7788)
YUV	122.7320, 6.5411, 1.9890
Hunter-Lab	43.9673, 2.2169, -4.2789

# Details

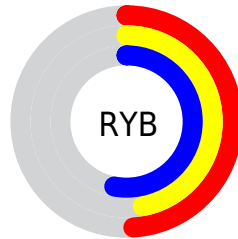
The Hex color **7D7788** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **828877**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B2ABBD**, and **4C4756** is the 20% darker color. If you saturate the color by 10%, you get **746988**, and if you desaturate by 10%, it is **868588**.

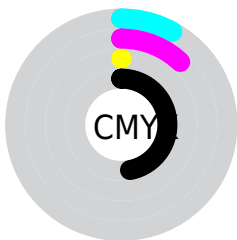
# Distribution



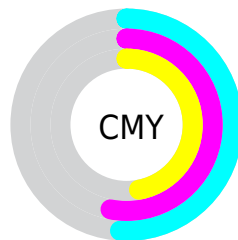
- Red (49%)
- Green (47%)
- Blue (53%)



- Red (49%)
- Yellow (47%)
- Blue (53%)



- Cyan (8%)
- Magenta (12%)
- Yellow (0%)
- Black (47%)



- Cyan (51%)
- Magenta (53%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D7788 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 7D7788 by changing the saturation by 10% instead.



■ 7D7788

■ 7D7788

FFFFFF

■ 645E6F

■ B2ABBD

■ 4C4756

■ CDC6D9

■ 35303F

■ E9E2F6

■ 201B29

■ 090015

■ 000000

■ 7D7788

■ 7D7788

■ 746988

■ 868588

■ 6B5C88

■ 8F9288

634E88

97A088

5A4188

A0AD88

513388

A9BB88

482588

B2C988

3F1888

BBD688

370A88

C3E488

300088

CCF188

# Harmonies

## Analogous

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



727A8B



7D7788



867581

# Triad

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



7D7788



87776A



657F7B

# Complementary

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



7D7788



828877

# Split Complementary

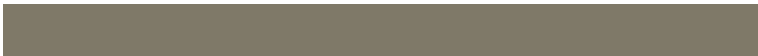
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



6C7E72



7D7788



7F7968

# Square

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



7D7788



8C7470



767C6B



647E83

# Rectangle

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



7D7788



8A747C



767C6B



677F78



# Sweetspot

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



7D7788



ABA9B0



778288



565559



D9D9D9



595959



# Same Dimension

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



7D7788



9F96B0



857788



403E45



2F0085



020005



# Inverse Universe

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



887782



B096A7



7A8877



453E42



850056



050003



# Previews

## White Background



This preview shows how the Hex color 7D7788 looks on a white background.

## Color Contrast Check

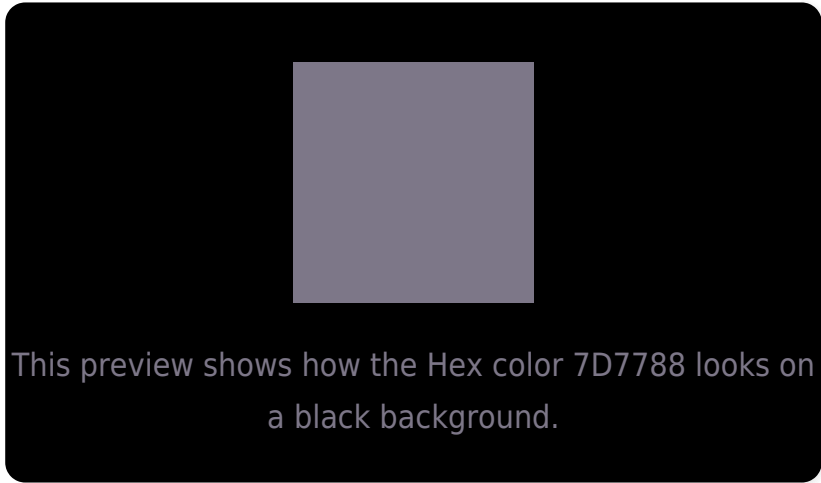
Large Text (above 18pt) WCAG AA ✓ Pass

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

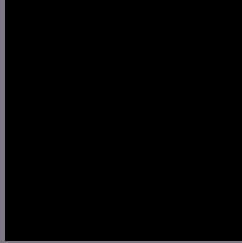
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

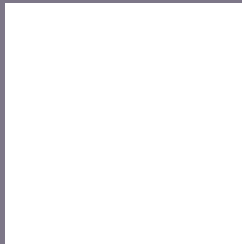
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7D7788 Background



This preview shows how black text looks on a background with the Hex color 7D7788.



This preview shows how white text looks on a background with the Hex color 7D7788.

# 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**  
7D7788

**Protanopia**  
777989

**Deuteranopia**  
7F7688



**Tritanopia**  
7C7882

# Trichromacy



**Original Color**  
7D7788

**Protanomaly**  
797889

**Deuteranomaly**  
7E7688

**Tritanomaly**  
7C7884

# Monochromacy



**Original Color**  
7D7788

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7C7A80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D7788 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 #7D7788 looks like.

```
.text, #text, p{  
    color:#7D7788  
}
```

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 #7D7788 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D7788
}
```

## Border

The CSS property to change the border of an element to Hex 7D7788 is called "border". The border property can be set on classes, ids or directly on the HTML element.

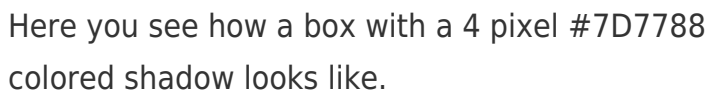
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D7788 }
```

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

```
.border{ border-color:#7D7788 }
```

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



Here you see how a box with a 4 pixel #7D7788 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D7788; -webkit-box-shadow:4px 4px  
4px 4px #7D7788; box-shadow:4px 4px 4px  
4px #7D7788 }
```

# Background

The CSS property to change the background color of an element to Hex 7D7788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D7788 }
```

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

```
.background{ background-color:#7D7788 }
```

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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