

# Converting Colors

Hex(797183)

Have a look what the booklet for  
Hex(797183) contains.

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# Color

**Hex(797183)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	797183
RGB	121, 113, 131
RGB Percent	47%, 44%, 51%
CMY	0.5255, 0.5569, 0.4863
CMYK	0.08, 0.14, 0.00, 0.49
HSL	267°, 7%, 48%
HSV	267°, 14%, 51%
XYZ	17.8870, 17.5139, 23.9105
YIQ	117.4440, -1.0100, 7.2940

# Conversions

## Conversions Part 2

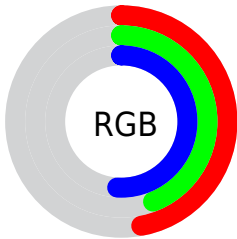
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 113, 131
Decimal	7958915
CIE Lab	48.90, 6.78, -8.76
CIE LCh	49, 11.083, 307.740
Yxy	17.5139, 0.3016, 0.2953
Android (android.graphics.Color)	4286148995 (0xFF797183)
YUV	117.4440, 6.6831, 3.1186
Hunter-Lab	41.8496, 3.0562, -4.5802

# Details

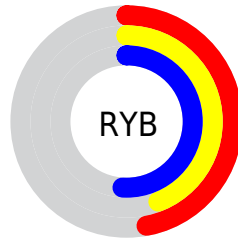
The Hex color **797183** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7B8371**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **ADA5B8**, and **484152** is the 20% darker color. If you saturate the color by 10%, you get **726483**, and if you desaturate by 10%, it is **807E83**.

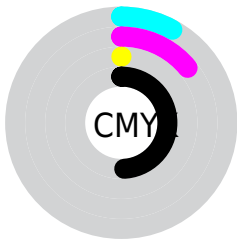
# Distribution



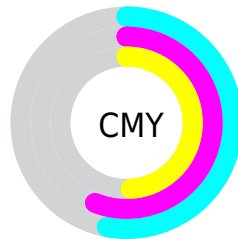
- Red (47%)
- Green (44%)
- Blue (51%)



- Red (47%)
- Yellow (44%)
- Blue (51%)



- Cyan (8%)
- Magenta (14%)
- Yellow (0%)
- Black (49%)



- Cyan (53%)
- Magenta (56%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 797183 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 797183 by changing the saturation by 10% instead.



■ 797183

■ 797183

FFFFFF

■ 60596A

■ ADA5B8

■ 484152

■ C9C0D4

■ 322B3B

■ E5DCF0

■ 1D1725

■ FFF8FF

■ 000010

■ 000000

■ 797183

■ 797183

■ 726483

■ 807E83

■ 6A5783

■ 888B83

634A83

8F9883

5C3D83

96A583

552F83

9DB383

4D2283

A5C083

461583

ACCD83

3F0883

B3DA83

3A0083

BAE783

# Harmonies

## Analogous

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



6D7487



797183



836F7B

# Triad

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



797183



827163



5D7A76

# Complementary

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



797183



7B8371

# Split Complementary

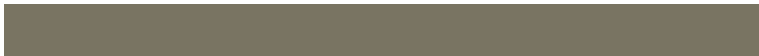
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64796D



797183



797462

# Square

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



797183



876F69



6F7765



5C797F

# Rectangle

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



797183



876E75



6F7765



5F7A73



# Sweetspot

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



797183



A7A4AB



717B83



545257



D6D6D6



575757



# Same Dimension

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



797183



9C90AB



827183



3F3C42



3A0082



010003



# Inverse Universe

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



83717B



AB909F



728371



423C3F



820048



030001



# Previews

## White Background



This preview shows how the Hex color 797183 looks on a white background.

## Color Contrast Check

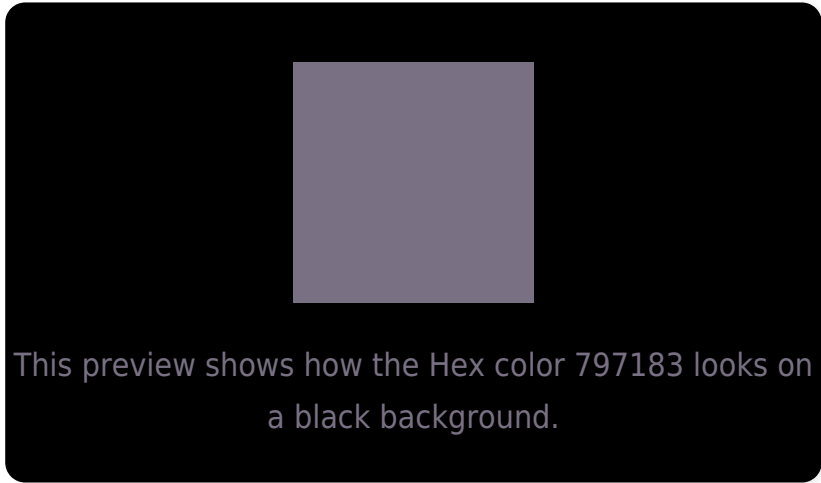
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

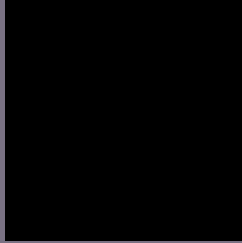
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 797183 Background



This preview shows how black text looks on a background with the Hex color 797183.



This preview shows how white text looks on a background with the Hex color 797183.

# 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**  
797183

**Protanopia**  
717384

**Deuteranopia**  
797183



**Tritanopia**  
78727B

# Trichromacy



**Original Color**  
797183

**Protanomaly**  
747284

**Deuteranomaly**  
797183

**Tritanomaly**  
78727E

# Monochromacy



**Original Color**  
797183

**Achromatopsia**  
757575

**Achromatomaly**  
76747A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 797183 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 #797183 looks like.

```
.text, #text, p{  
    color:#797183  
}
```

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 #797183 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #797183
}
```

## Border

The CSS property to change the border of an element to Hex 797183 is called "border". The border property can be set on classes, ids or directly on the HTML element.

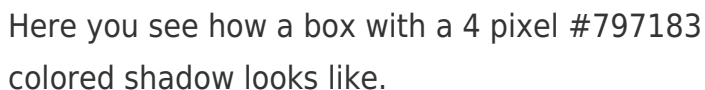
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#797183 }
```

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

```
.border{ border-color:#797183 }
```

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



Here you see how a box with a 4 pixel #797183 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #797183; -webkit-box-shadow:4px 4px  
4px 4px #797183; box-shadow:4px 4px 4px  
4px #797183 }
```

# Background

The CSS property to change the background color of an element to Hex 797183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#797183 }
```

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

```
.background{ background-color:#797183 }
```

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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