

Converting Colors

Hex(788187)

Have a look what the booklet for
Hex(788187) contains.

Hex(788187)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(788187)

Conversions

Conversions Part 1

Format	Color
Hex	788187
RGB	120, 129, 135
RGB Percent	47%, 51%, 53%
CMY	0.5294, 0.4941, 0.4706
CMYK	0.11, 0.04, 0.00, 0.47
HSL	204°, 6%, 50%
HSV	204°, 11%, 53%
XYZ	19.9692, 21.4429, 26.0081
YIQ	126.9930, -7.2900, -0.0420

Conversions

Conversions Part 2

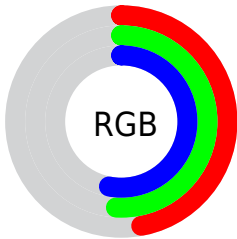
Format	Color
R _{YB}	120, 126, 135
Decimal	7897479
CIE _{Lab}	53.43, -2.03, -4.38
CIE _{LCh}	53, 4.831, 245.172
Y _{xy}	21.4429, 0.2962, 0.3180
Android (android.graphics.Color)	4286087559 (0xFF788187)
Y _{UV}	126.9930, 3.9475, -6.1329
Hunter-Lab	46.3064, -4.0600, -0.8858

Details

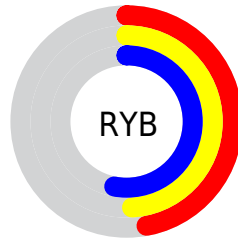
The Hex color **788187** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **877E78**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **ACB6BC**, and **475055** is the 20% darker color. If you saturate the color by 10%, you get **6B7C87**, and if you desaturate by 10%, it is **868687**.

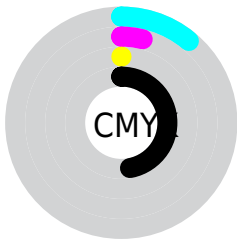
Distribution



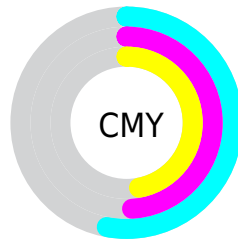
- Red (47%)
- Green (51%)
- Blue (53%)



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



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (47%)



- Cyan (53%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 788187 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 788187 by changing the saturation by 10% instead.



788187



788187

FFFFFF



5F686E



ACB6BC



475055



C8D1D8



31393E



E4EEF4



1C2428



020E14



000000



788187



788187



6B7C87



868687



5D7687



938C87

■ 4F7187

■ A19187

■ 426B87

■ AE9787

■ 356687

■ BB9C87

■ 276187

■ C9A187

■ 1A5B87

■ D7A787

■ 0C5687

■ E4AC87

■ 005187

■ F2B287

Harmonies

Analogous

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



768284



788187



7C8088

Triad

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



788187



887D7F



7E8179

Complementary

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



788187



877E78

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.



828077



788187



897D7B

Square

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



788187



867D83



867E78



79827C

Rectangle

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



788187



807F87



867E78



7F8078

Sweetspot

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



788187



ABAEB0



78877E



565859



D9D9D9



595959

Same Dimension

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



788187



99A7B0



787A87



3C4042



004E82



000203

Inverse Universe

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



877881



B099A7



878678



423C40



82004E



030002

Previews

White Background



This preview shows how the Hex color 788187 looks on a white background.

Color Contrast Check

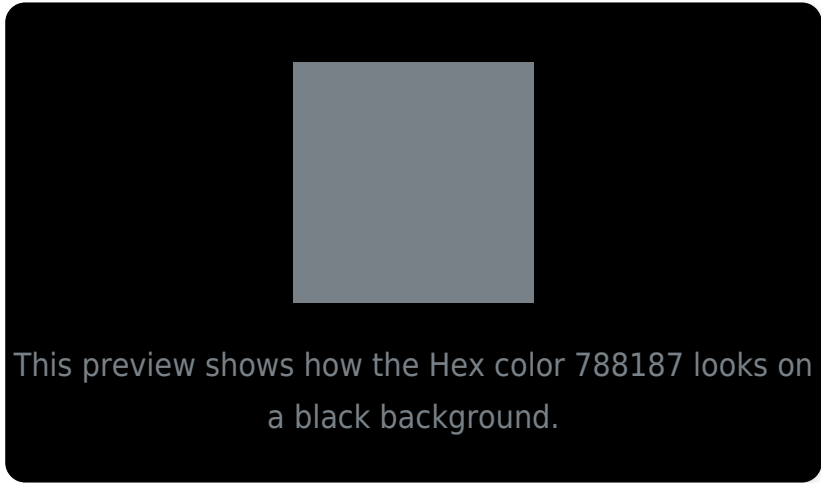
Large Text (above 18pt) WCAG AA ✓ Pass

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

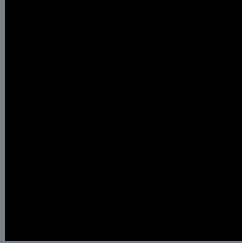
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

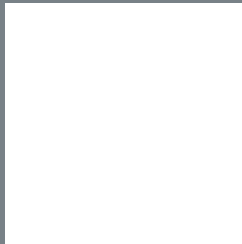
Any Text WCAG AAA × Fail

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

Hex 788187 Background



This preview shows how black text looks on a background with the Hex color 788187.



This preview shows how white text looks on a background with the Hex color 788187.

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
788187

Protanopia
807F86

Deuteranopia
887C88



Tritanopia
79808B

Trichromacy



Original Color
788187

Protanomaly
7D8086

Deuteranomaly
827E88

Tritanomaly
79808A

Monochromacy



Original Color
788187

Achromatopsia
7F7F7F

Achromatomaly
7C8082

CSS Examples

Text

The CSS property to change the color of the text to Hex 788187 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 #788187 looks like.

```
.text, #text, p{  
    color:#788187  
}
```

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 #788187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #788187
}
```

Border

The CSS property to change the border of an element to Hex 788187 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
#788187 }
```

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

```
.border{ border-color:#788187 }
```

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

Here you see how a box with a 4 pixel #788187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #788187; -webkit-box-shadow:4px 4px  
4px 4px #788187; box-shadow:4px 4px 4px  
4px #788187 }
```

Background

The CSS property to change the background color of an element to Hex 788187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#788187 }
```

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

```
.background{ background-color:#788187 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor