

Converting Colors

Hex(B28781)

Have a look what the booklet for
Hex(B28781) contains.

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Color

Hex(B28781)

Conversions

Conversions Part 1

Format	Color
Hex	B28781
RGB	178, 135, 129
RGB Percent	70%, 53%, 51%
CMY	0.3020, 0.4706, 0.4941
CMYK	0.00, 0.24, 0.28, 0.30
HSL	7°, 24%, 60%
HSV	7°, 28%, 70%
XYZ	30.9865, 28.3779, 24.6132
YIQ	147.1730, 27.5540, 7.2500

Conversions

Conversions Part 2

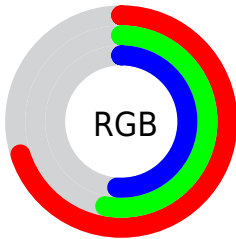
Format	Color
RYB	178, 136, 129
Decimal	11700097
CIELab	60.23, 15.55, 9.60
CIELCh	60, 18.274, 31.674
Yxy	28.3779, 0.3690, 0.3379
Android (android.graphics.Color)	4289890177 (0xFFB28781)
YUV	147.1730, -8.9593, 27.0353
Hunter-Lab	53.2709, 10.6054, 9.8954

Details

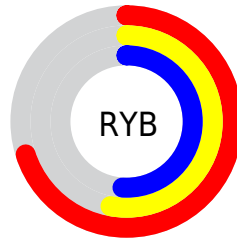
The Hex color **B28781** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **81ACB2**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **EBBCB6**, and **7C5550** is the 20% darker color. If you saturate the color by 10%, you get **B2776F**, and if you desaturate by 10%, it is **B29793**.

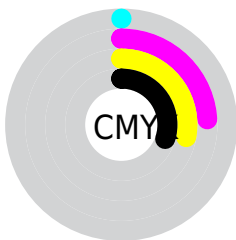
Distribution



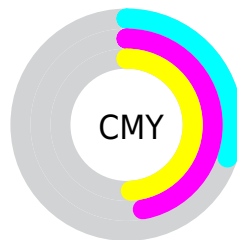
- Red (70%)
- Green (53%)
- Blue (51%)



- Red (70%)
- Yellow (53%)
- Blue (51%)



- Cyan (0%)
- Magenta (24%)
- Yellow (28%)
- Black (30%)



- Cyan (30%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color B28781 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 B28781 by changing the saturation by 10% instead.

 B28781

 B28781

FFFFFF

 976E68

 EBBCB6

 7C5550

 FFD8D1

 633E39

 FFF5EE

 4A2723

 32120E

 1E0001

 000000

 B28781

 B28781

 B2776F

 B29793

 B2685D

 B2A6A5

 B2584C

 B2B6B6

 B2493A

 B2C5C8

 B23928

 B2D5DA

 B22916

 B2E5EC

 B21A04

 B2F4FE

 B21600

 B2FFFF

Harmonies

Analogous

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



B18691



B28781



AB8B75

Triad

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



B28781



799981



8092B1

Complementary

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



B28781



81ACB2

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.



6D97AD



B28781



6A9A92

Square

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



B28781



8B9576



659AA1



958DAD

Rectangle

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



B28781



A28F72



659AA1



7994B1

Sweetspot

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



B28781



E8D8D5



B281AC



756B6A



F5F5F5



757575

Same Dimension

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



B28781



E8A59B



B29F81



595150



991300



1A0300

Inverse Universe

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



81ACB2



9BDFE8



8194B2



505859



008699



00161A

Previews

White Background



This preview shows how the Hex color B28781 looks on a white background.

Color Contrast Check

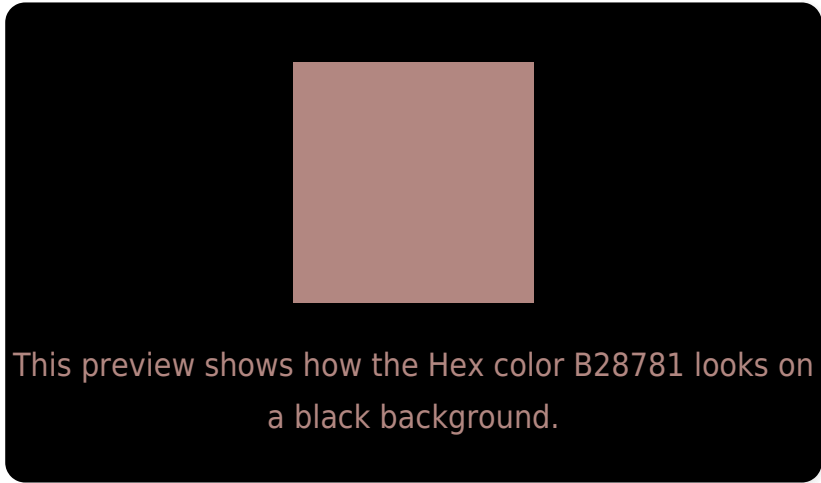
Large Text (above 18pt) WCAG AA ✓ Pass

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 B28781 Background



This preview shows how black text looks on a background with the Hex color B28781.

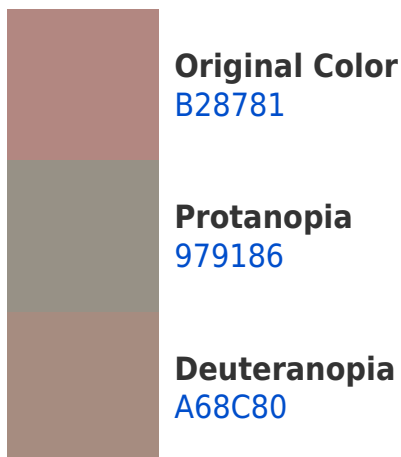


This preview shows how white text looks on a background with the Hex color B28781.

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





Tritanopia
B4858F

Trichromacy



Original Color
B28781

Protanomaly
A18D84

Deuteranomaly
AA8A80

Tritanomaly
B3868A

Monochromacy



Original Color
B28781

Achromatopsia
939393

Achromatomaly
9E8F8C

CSS Examples

Text

The CSS property to change the color of the text to Hex B28781 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 #B28781 looks like.

```
.text, #text, p{  
    color:#B28781  
}
```

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 #B28781 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B28781
}
```

Border

The CSS property to change the border of an element to Hex B28781 is called "border". The border property can be set on classes, ids or directly on the HTML element.

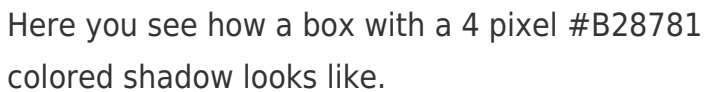
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B28781 }
```

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

```
.border{ border-color:#B28781 }
```

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



Here you see how a box with a 4 pixel #B28781 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B28781; -webkit-box-shadow:4px 4px  
4px 4px #B28781; box-shadow:4px 4px 4px  
4px #B28781 }
```

Background

The CSS property to change the background color of an element to Hex B28781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B28781 }
```

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

```
.background{ background-color:#B28781 }
```

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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