

Converting Colors

Hex(2B8787)

Have a look what the booklet for
Hex(2B8787) contains.

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Color

Hex(2B8787)

Conversions

Conversions Part 1

Format	Color
Hex	2B8787
RGB	43, 135, 135
RGB Percent	17%, 53%, 53%
CMY	0.8314, 0.4706, 0.4706
CMYK	0.68, 0.00, 0.00, 0.47
HSL	180°, 52%, 35%
HSV	180°, 68%, 53%
XYZ	14.0334, 19.5908, 25.9634
YIQ	107.4920, -54.8320, -19.5040

Conversions

Conversions Part 2

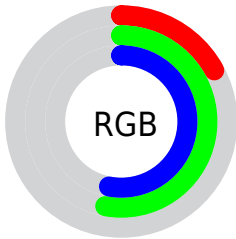
Format	Color
RYB	43, 89, 135
Decimal	2852743
CIELab	51.37, -26.13, -7.86
CIELCh	51, 27.284, 196.752
Yxy	19.5908, 0.2355, 0.3288
Android (android.graphics.Color)	4281042823 (0xFF2B8787)
YUV	107.4920, 13.5614, -56.5595
Hunter-Lab	44.2615, -20.8630, -3.7960




Details

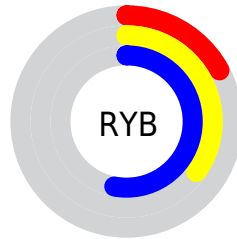
The Hex color **2B8787** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **872B2B**, and the grayscale version is **6B6B6B**.




A 20% lighter version of the original color is **66BDBC**, and **005555** is the 20% darker color. If you saturate the color by 10%, you get **1D8787**, and if you desaturate by 10%, it is **398787**.

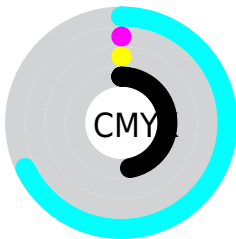
Distribution







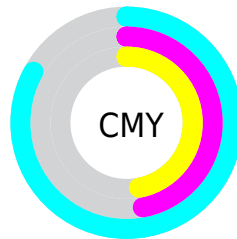
-  Red (17%)
-  Green (53%)
-  Blue (53%)






-  Red (17%)
-  Yellow (35%)
-  Blue (53%)



-  Cyan (68%)
-  Magenta (0%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (83%)
-  Magenta (47%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B8787 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 2B8787 by changing the saturation by 10% instead.

 2B8787

 2B8787

FFFFFF

 006D6E

 66BDBC

 005555

 82D9D8

 003D3E

 9FF5F4

 002728

 BBFFFF

 000A15

 D8FFFF

 000000

 F6FFFF

 2B8787

 2B8787

 1D8787

 398787

■ 108787

■ 468787

■ 028787

■ 548787

■ 008787

■ 618787

■ 6E8787

■ 7C8787

■ 8A8787

■ 978787

■ A58787

Harmonies

Analogous

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



46866F



2B8787



29859C

Triad

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



2B8787



8D709B



93754D

Complementary

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



2B8787



872B2B

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.



A36E59



2B8787



A26A86

Square

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



2B8787



6E78A7



A8696E



7D7D4D

Rectangle

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



2B8787



3D82A5



A8696E



997350

Sweetspot

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



2B8787



8DB0B0



2B872B



445959



D9D9D9



595959

Same Dimension

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



2B8787



20B0B0



2B5987



3C4242



008282



000303

Inverse Universe

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



872B87



B020B0



87592B



423C42



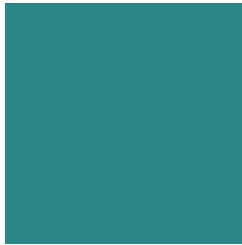
820082



030003

Previews

White Background



This preview shows how the Hex color 2B8787 looks on a white background.

Color Contrast Check

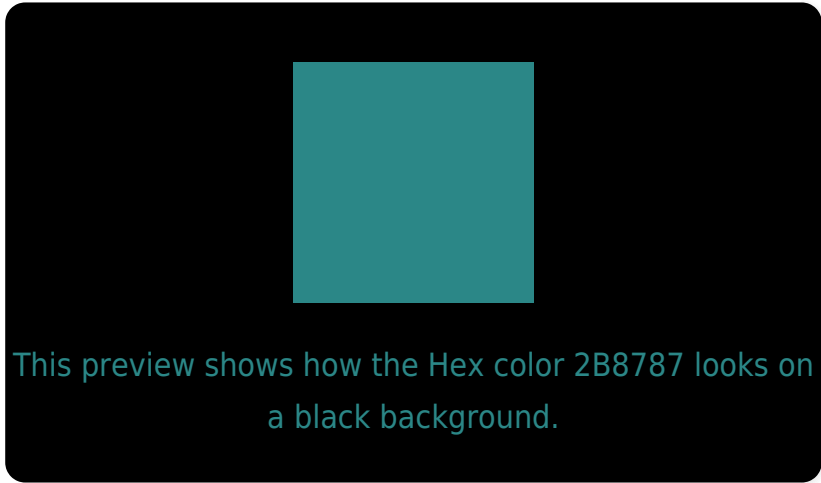
Large Text (above 18pt) WCAG AA ✓ Pass

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

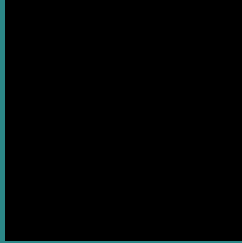
Any Text WCAG AA ✓ Pass

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 2B8787 Background



This preview shows how black text looks on a background with the Hex color 2B8787.

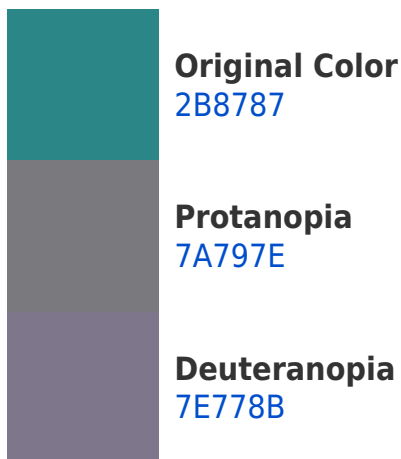


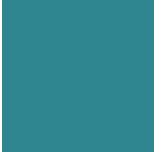
This preview shows how white text looks on a background with the Hex color 2B8787.

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
308690

Trichromacy



Original Color
2B8787



Protanomaly
5D7E81



Deuteranomaly
607D8A



Tritanomaly
2E868D

Monochromacy



Original Color
2B8787



Achromatopsia
6B6B6B



Achromatomaly
547575

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B8787 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 #2B8787 looks like.

```
.text, #text, p{  
    color:#2B8787  
}
```

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 #2B8787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B8787
}
```

Border

The CSS property to change the border of an element to Hex 2B8787 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
#2B8787 }
```

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

```
.border{ border-color:#2B8787 }
```

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

Here you see how a box with a 4 pixel #2B8787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B8787; -webkit-box-shadow:4px 4px  
4px 4px #2B8787; box-shadow:4px 4px 4px  
4px #2B8787 }
```

Background

The CSS property to change the background color of an element to Hex 2B8787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B8787 }
```

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

```
.background{ background-color:#2B8787 }
```

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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