

Converting Colors

Hex(2B7878)

Have a look what the booklet for
Hex(2B7878) contains.

Hex(2B7878)	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(2B7878)

Conversions

Conversions Part 1

Format	Color
Hex	2B7878
RGB	43, 120, 120
RGB Percent	17%, 47%, 47%
CMY	0.8314, 0.5294, 0.5294
CMYK	0.64, 0.00, 0.00, 0.53
HSL	180°, 47%, 32%
HSV	180°, 64%, 47%
XYZ	11.1029, 15.3026, 20.1378
YIQ	96.9770, -45.8920, -16.3240

Conversions

Conversions Part 2

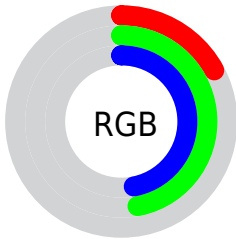
Format	Color
RYB	43, 82, 120
Decimal	2848888
CIELab	46.05, -23.02, -6.97
CIELCh	46, 24.053, 196.855
Yxy	15.3026, 0.2385, 0.3288
Android (android.graphics.Color)	4281038968 (0xFF2B7878)
YUV	96.9770, 11.3503, -47.3378
Hunter-Lab	39.1185, -17.7943, -3.1389

Details

The Hex color **2B7878** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **782B2B**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **63ADAC**, and **004748** is the 20% darker color. If you saturate the color by 10%, you get **1F7878**, and if you desaturate by 10%, it is **377878**.

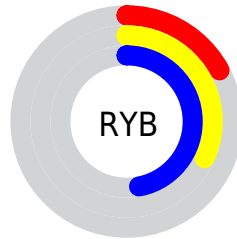
Distribution



Red (17%)

Green (47%)

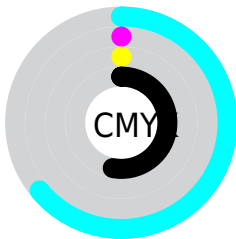
Blue (47%)



Red (17%)

Yellow (32%)

Blue (47%)

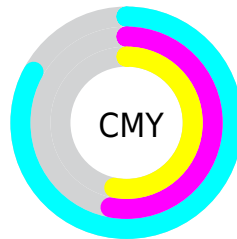


Cyan (64%)

Magenta (0%)

Yellow (0%)

Black (53%)



Cyan (83%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B7878 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 2B7878 by changing the saturation by 10% instead.



2B7878



2B7878

FFFFFF



035F5F



63ADAC



004748



7EC8C8



003031



9AE4E4



001D1C



B6FFFF



000000



D3FFFF



F0FFFF



2B7878



2B7878



1F7878



377878

■ 137878

■ 437878

■ 077878

■ 4F7878

■ 007878

■ 5B7878

■ 677878

■ 737878

■ 7F7878

■ 8B7878

■ 977878

Harmonies

Analogous

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



407763



2B7878



2A768A

Triad

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



2B7878



7E6489



836946

Complementary

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



2B7878



782B2B

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.



906251



2B7878



8F5F77

Square

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



2B7878



636B93



955E62



6F6F46

Rectangle

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



2B7878



3A7392



955E62



886648

Sweetspot

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



2B7878



7E9C9C



2B782B



3D4F4F



CFCFCF



4F4F4F

Same Dimension

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



2B7878



249C9C



2B5278



373D3D



007D7D



00FCFC

Inverse Universe

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



782B78



9C249C



78522B



3D373D



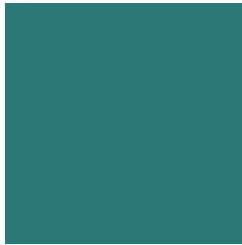
7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 2B7878 looks on a white background.

Color Contrast Check

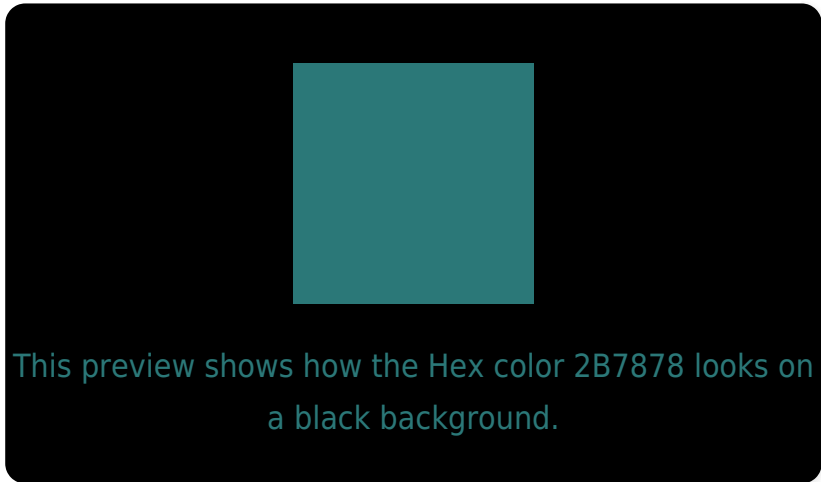
Large Text (above 18pt) WCAG AA ✓ Pass

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

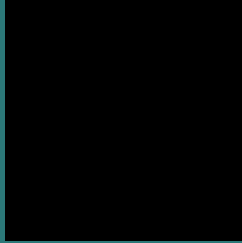
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 2B7878 Background



This preview shows how black text looks on a background with the Hex color 2B7878.

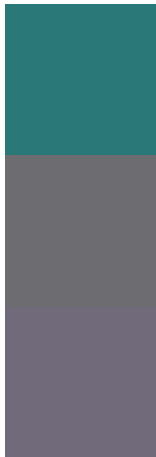


This preview shows how white text looks on a background with the Hex color 2B7878.

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
2B7878

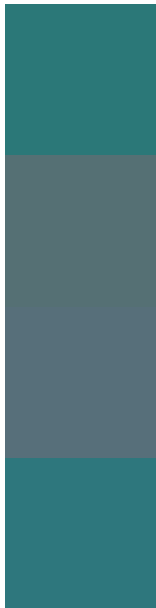
Protanopia
6D6C71

Deuteranopia
706A7B



Tritanopia
2F7780

Trichromacy



Original Color
2B7878

Protanomaly
557074

Deuteranomaly
576F7A

Tritanomaly
2E777D

Monochromacy



Original Color
2B7878

Achromatopsia
616161

Achromatomaly
4D6969

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B7878 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 #2B7878 looks like.

```
.text, #text, p{  
    color:#2B7878  
}
```

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 #2B7878 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B7878
}
```

Border

The CSS property to change the border of an element to Hex 2B7878 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
#2B7878 }
```

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

```
.border{ border-color:#2B7878 }
```

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

Here you see how a box with a 4 pixel #2B7878 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B7878; -webkit-box-shadow:4px 4px  
4px 4px #2B7878; box-shadow:4px 4px 4px  
4px #2B7878 }
```

Background

The CSS property to change the background color of an element to Hex 2B7878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B7878 }
```

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

```
.background{ background-color:#2B7878 }
```

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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