

Converting Colors

Hex(2B87A8)

Have a look what the booklet for
Hex(2B87A8) contains.

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Color

Hex(2B87A8)

Conversions

Conversions Part 1

Format	Color
Hex	2B87A8
RGB	43, 135, 168
RGB Percent	17%, 53%, 66%
CMY	0.8314, 0.4706, 0.3412
CMYK	0.74, 0.20, 0.00, 0.34
HSL	196°, 59%, 41%
HSV	196°, 74%, 66%
XYZ	16.7281, 20.6687, 40.1536
YIQ	111.2540, -65.4250, -9.2410

Conversions

Conversions Part 2

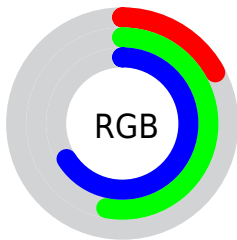
Format	Color
R_{YB}	43, 96, 168
Decimal	2852776
CIE _{Lab}	52.58, -15.42, -25.17
CIE _{LCh}	53, 29.521, 238.507
Yxy	20.6687, 0.2157, 0.2665
Android (android.graphics.Color)	4281042856 (0xFF2B87A8)
YUV	111.2540, 27.9758, -59.8588
Hunter-Lab	45.4628, -13.8806, -20.5420

Details

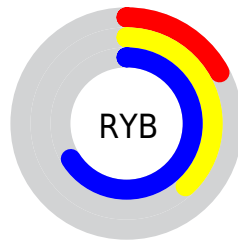
The Hex color **2B87A8** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **A84C2B**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **6ABCDF**, and **005574** is the 20% darker color. If you saturate the color by 10%, you get **1A83A8**, and if you desaturate by 10%, it is **3C8BA8**.

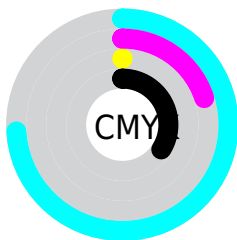
Distribution



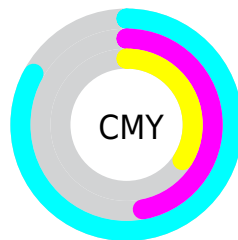
- Red (17%)
- Green (53%)
- Blue (66%)



- Red (17%)
- Yellow (38%)
- Blue (66%)



- Cyan (74%)
- Magenta (20%)
- Yellow (0%)
- Black (34%)



- Cyan (83%)
- Magenta (47%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B87A8 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 2B87A8 by changing the saturation by 10% instead.

■ 2B87A8

■ 2B87A8

FFFFFF

■ 006E8D

■ 6ABCDF

■ 005574

■ 88D8FC

■ 003E5B

■ A5F5FF

■ 002843

■ C2FFFF

■ 00132D

■ DFFFFF

■ 000118

FDFFFF

■ 000000

■ 2B87A8

■ 2B87A8

■ 1A83A8

■ 3C8BA8

097EA8

4D90A8

007CA8

5D94A8

6E99A8

7F9DA8

90A2A8

A1A6A8

B1AAA8

C2AFA8

Harmonies

Analogous

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



168B95



2B87A8



5780B0

Triad

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



2B87A8



AC6A80



758350

Complementary

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



2B87A8



A84C2B

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.



8F7C4A



2B87A8



AE6C67

Square

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



2B87A8



9C6F98



A47353



578862

Rectangle

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



2B87A8



727BAD



A47353



7E814D

Sweetspot

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



2B87A8



ABCFDB



2BA84A



51666E



EDEDED



6E6E6E

Same Dimension

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



2B87A8



18A8DB



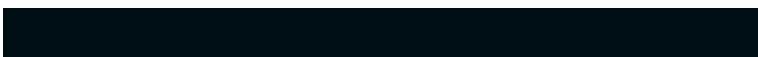
2B4AA8



4C5254



006D94



000F14

Inverse Universe

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



A82B87



DB18A8



A8892B



544C52



94006D



14000F

Previews

White Background



This preview shows how the Hex color 2B87A8 looks on a white background.

Color Contrast Check

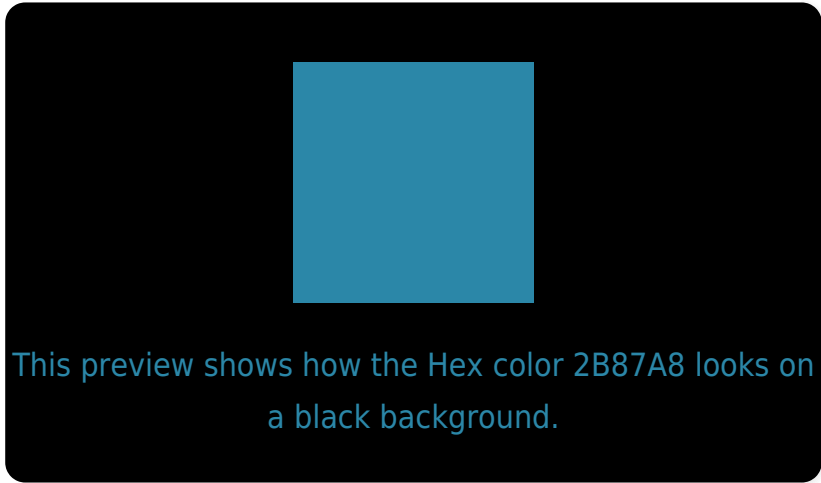
Large Text (above 18pt) WCAG AA ✓ Pass

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

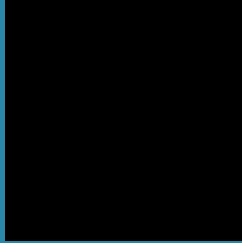
Any Text WCAG AA ✓ Pass

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 2B87A8 Background



This preview shows how black text looks on a background with the Hex color 2B87A8.

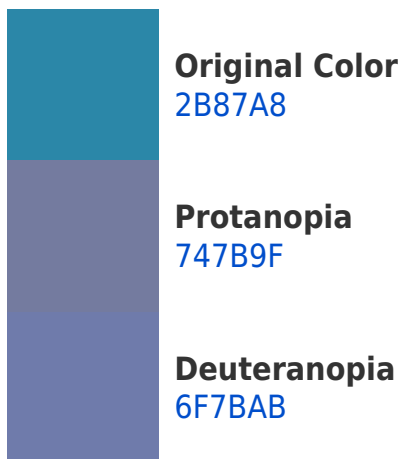


This preview shows how white text looks on a background with the Hex color 2B87A8.

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](#).

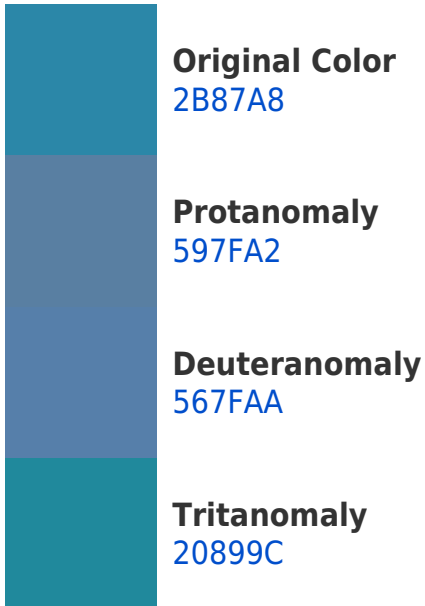
Dichromacy



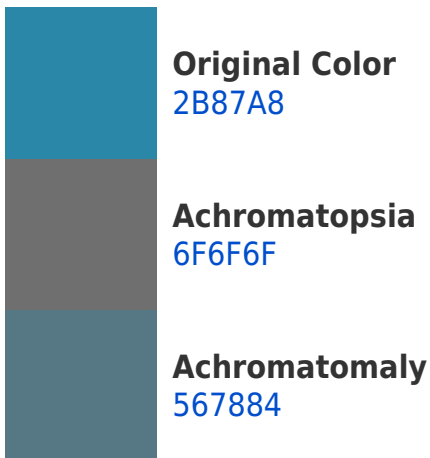


Tritanopia
1A8A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2B87A8 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 #2B87A8 looks like.

```
.text, #text, p{  
    color:#2B87A8  
}
```

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 #2B87A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B87A8
}
```

Border

The CSS property to change the border of an element to Hex 2B87A8 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
#2B87A8 }
```

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

```
.border{ border-color:#2B87A8 }
```

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

Here you see how a box with a 4 pixel #2B87A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B87A8; -webkit-box-shadow:4px 4px  
4px 4px #2B87A8; box-shadow:4px 4px 4px  
4px #2B87A8 }
```

Background

The CSS property to change the background color of an element to Hex 2B87A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B87A8 }
```

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

```
.background{ background-color:#2B87A8 }
```

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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