

Converting Colors

Hex(2A789B)

Have a look what the booklet for
Hex(2A789B) contains.

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Color

Hex(2A789B)

Conversions

Conversions Part 1

Format	Color
Hex	2A789B
RGB	42, 120, 155
RGB Percent	16%, 47%, 61%
CMY	0.8353, 0.5294, 0.3922
CMYK	0.73, 0.23, 0.00, 0.39
HSL	199°, 57%, 39%
HSV	199°, 73%, 61%
XYZ	13.5877, 16.2917, 33.4388
YIQ	100.6680, -57.7230, -5.6510

Conversions

Conversions Part 2

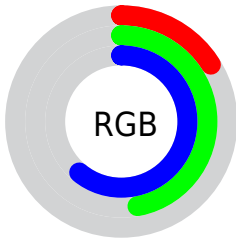
Format	Color
R _Y B	42, 88, 155
Decimal	2783387
CIE _{Lab}	47.35, -11.64, -25.70
CIE _{LCh}	47, 28.216, 245.634
Y _{xy}	16.2917, 0.2146, 0.2573
Android (android.graphics.Color)	4280973467 (0xFF2A789B)
Y _{UV}	100.6680, 26.7857, -51.4518
Hunter-Lab	40.3630, -10.5455, -20.8648

Details

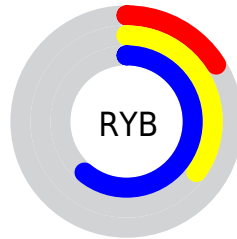
The Hex color **2A789B** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9B4D2A**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **67ACD2**, and **004868** is the 20% darker color. If you saturate the color by 10%, you get **1A739B**, and if you desaturate by 10%, it is **397D9B**.

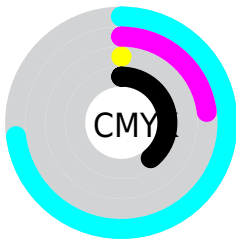
Distribution



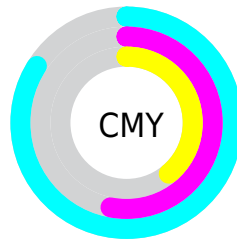
- Red (16%)
- Green (47%)
- Blue (61%)



- Red (16%)
- Yellow (35%)
- Blue (61%)



- Cyan (73%)
- Magenta (23%)
- Yellow (0%)
- Black (39%)



- Cyan (84%)
- Magenta (53%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A789B 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 2A789B by changing the saturation by 10% instead.

■ 2A789B

■ 2A789B

FFFFFF

■ 005F81

■ 67ACD2

■ 004868

■ 83C8EE

■ 00314F

■ A0E4FF

■ 001D38

■ BCFFFF

■ 000223

■ DAFFFF

■ 000009

■ F7FFFF

■ 000000

■ 2A789B

■ 2A789B

■ 1A739B

■ 397D9B

0B6E9B

49829B

006B9B

58869B

688B9B

78909B

87959B

969A9B

A69E9B

B5A39B

Harmonies

Analogous

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



027C8B



2A789B



55719F

Triad

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



2A789B



9E5E6D



627749

Complementary

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



2A789B



9B4D2A

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.



7C7040



2A789B



9C6156

Square

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



2A789B



926184



906846



457B5C

Rectangle

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



2A789B



6E6B9B



906846



6B7545

Sweetspot

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



2A789B



9DBCC9



2A9B4C



4B5E66



E6E6E6



666666

Same Dimension

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



2A789B



1A93C9



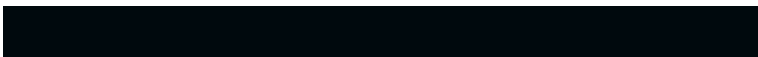
2A419B



454A4D



00618C



00090D

Inverse Universe

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



9B2A78



C91A93



9B842A



4D454A



8C0061



0D0009

Previews

White Background



This preview shows how the Hex color 2A789B looks on a white background.

Color Contrast Check

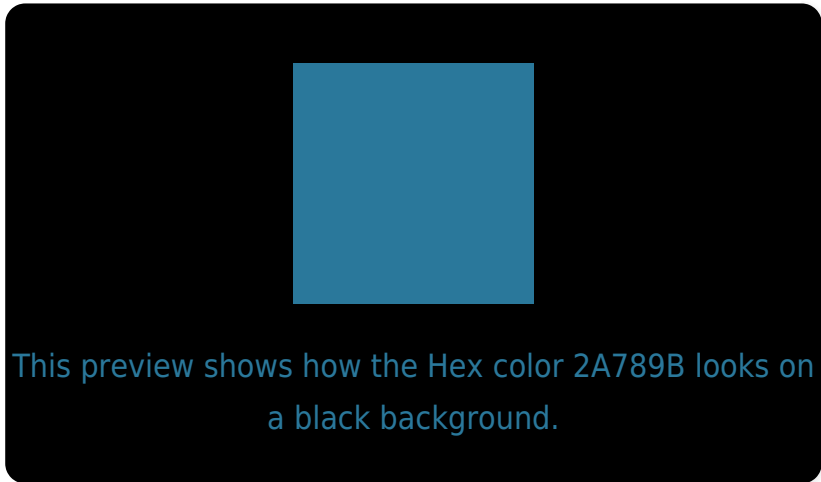
Large Text (above 18pt) WCAG AA ✓ Pass

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

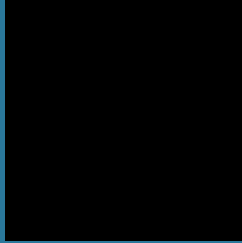
Any Text WCAG AA × Fail

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 2A789B Background



This preview shows how black text looks on a background with the Hex color 2A789B.

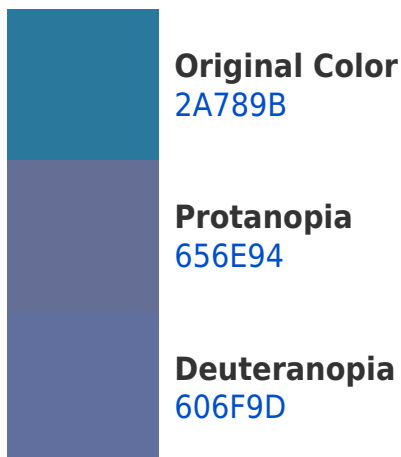


This preview shows how white text looks on a background with the Hex color 2A789B.

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](#).

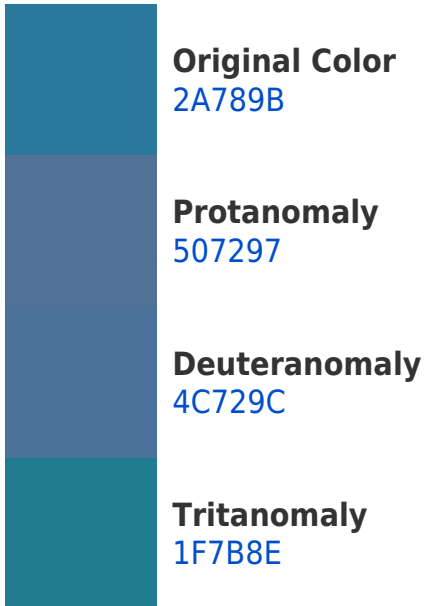
Dichromacy





Tritanopia
187C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A789B 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 #2A789B looks like.

```
.text, #text, p{  
    color:#2A789B  
}
```

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 #2A789B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A789B
}
```

Border

The CSS property to change the border of an element to Hex 2A789B 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
#2A789B }
```

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

```
.border{ border-color:#2A789B }
```

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

Here you see how a box with a 4 pixel #2A789B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A789B; -webkit-box-shadow:4px 4px  
4px 4px #2A789B; box-shadow:4px 4px 4px  
4px #2A789B }
```

Background

The CSS property to change the background color of an element to Hex 2A789B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A789B }
```

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

```
.background{ background-color:#2A789B }
```

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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