

Converting Colors

Hex(2A8F82)

Have a look what the booklet for
Hex(2A8F82) contains.

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Color

Hex(2A8F82)

Conversions

Conversions Part 1

Format	Color
Hex	2A8F82
RGB	42, 143, 130
RGB Percent	16%, 56%, 51%
CMY	0.8353, 0.4392, 0.4902
CMYK	0.71, 0.00, 0.09, 0.44
HSL	172°, 55%, 36%
HSV	172°, 71%, 56%
XYZ	14.8066, 21.7489, 24.5367
YIQ	111.3190, -56.0230, -25.4550

Conversions

Conversions Part 2

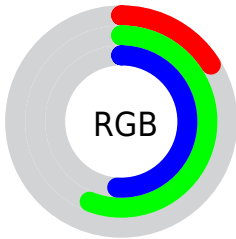
Format	Color
RYB	42, 96, 143
Decimal	2789250
CIELab	53.76, -31.65, -1.43
CIELCh	54, 31.685, 182.590
Yxy	21.7489, 0.2424, 0.3560
Android (android.graphics.Color)	4280979330 (0xFF2A8F82)
YUV	111.3190, 9.2097, -60.7928
Hunter-Lab	46.6357, -24.9397, 1.4504

Details

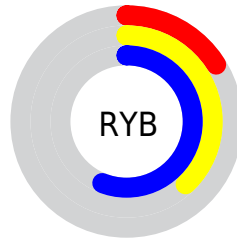
The Hex color **2A8F82** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8F2A37**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **66C5B7**, and **005C51** is the 20% darker color. If you saturate the color by 10%, you get **1C8F80**, and if you desaturate by 10%, it is **388F84**.

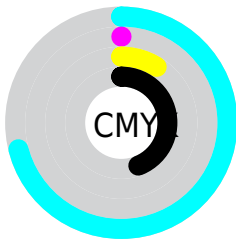
Distribution



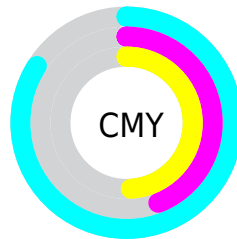
- Red (16%)
- Green (56%)
- Blue (51%)



- Red (16%)
- Yellow (38%)
- Blue (56%)



- Cyan (71%)
- Magenta (0%)
- Yellow (9%)
- Black (44%)



- Cyan (84%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A8F82 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 2A8F82 by changing the saturation by 10% instead.

■ 2A8F82

■ 2A8F82

FFFFFF

■ 007569

■ 66C5B7

■ 005C51

■ 83E2D2

■ 00443A

■ 9FFEEF

■ 002D24

■ BCFFFF

■ 001610

■ D9FFFF

■ 000000

■ F7FFFF

■ 2A8F82

■ 2A8F82

■ 1C8F80

■ 388F84

0D8F7E

478F86

008F7D

558F88

638F89

718F8B

808F8D

8E8F8F

9C8F91

AB8F93

Harmonies

Analogous

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



528D66



2A8F82



008E9D

Triad

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



2A8F82



8779AE



A77651

Complementary

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



2A8F82



8F2A37

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.



B46E64



2A8F82



A56F9A

Square

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



2A8F82



5C82B7



B46B7F



908049

Rectangle

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



2A8F82



128CAB



B46B7F



AC7356

Sweetspot

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



2A8F82



93BAB5



378F2A



475E5B



DEDEDE



5E5E5E

Same Dimension

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



2A8F82



1CBAA6



2A6A8F



404746



008776



000807

Inverse Universe

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



8F2A37



BA1C30



8F4F2A



474041



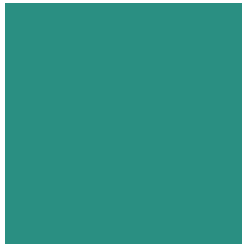
870011



080001

Previews

White Background



This preview shows how the Hex color 2A8F82 looks on a white background.

Color Contrast Check

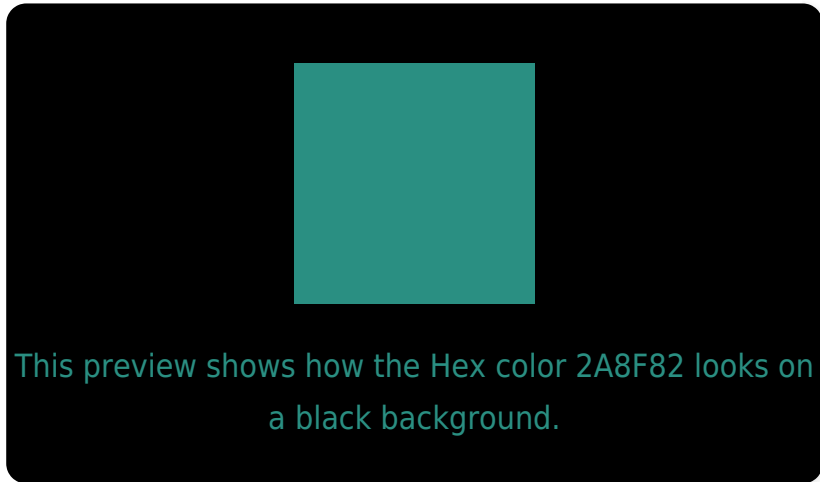
Large Text (above 18pt) WCAG AA ✓ Pass

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

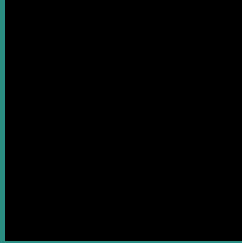
Any Text WCAG AA ✓ Pass

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 2A8F82 Background



This preview shows how black text looks on a background with the Hex color 2A8F82.

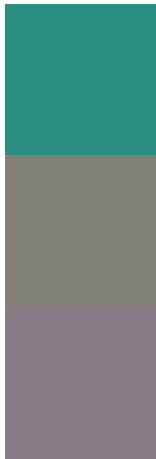


This preview shows how white text looks on a background with the Hex color 2A8F82.

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
2A8F82

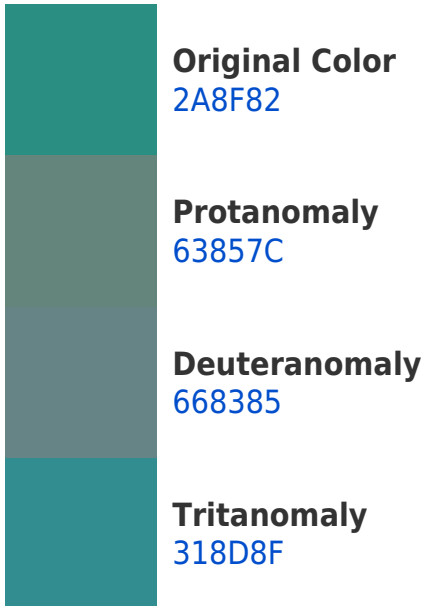
Protanopia
837F79

Deuteranopia
897C86

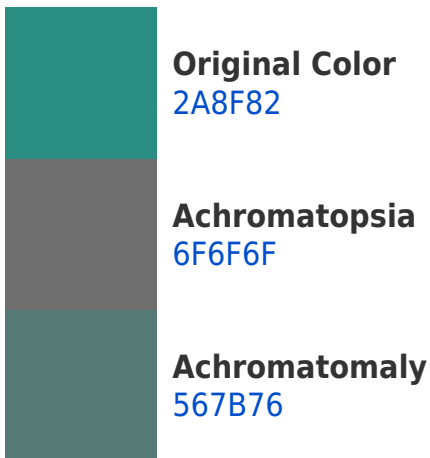


Tritanopia
358C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A8F82 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 #2A8F82 looks like.

```
.text, #text, p{  
    color:#2A8F82  
}
```

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 #2A8F82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A8F82
}
```

Border

The CSS property to change the border of an element to Hex 2A8F82 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
#2A8F82 }
```

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

```
.border{ border-color:#2A8F82 }
```

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

Here you see how a box with a 4 pixel #2A8F82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A8F82; -webkit-box-shadow:4px 4px  
4px 4px #2A8F82; box-shadow:4px 4px 4px  
4px #2A8F82 }
```

Background

The CSS property to change the background color of an element to Hex 2A8F82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A8F82 }
```

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

```
.background{ background-color:#2A8F82 }
```

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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