

Converting Colors

Hex(419A8D)

Have a look what the booklet for
Hex(419A8D) contains.

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Color

Hex(419A8D)

Conversions

Conversions Part 1

Format	Color
Hex	419A8D
RGB	65, 154, 141
RGB Percent	25%, 60%, 55%
CMY	0.7451, 0.3961, 0.4471
CMYK	0.58, 0.00, 0.08, 0.40
HSL	171°, 41%, 43%
HSV	171°, 58%, 60%
XYZ	18.5433, 26.1581, 29.2710
YIQ	125.9070, -48.8710, -22.9110

Conversions

Conversions Part 2

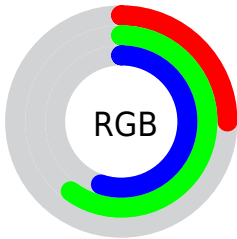
Format	Color
R_{YB}	65, 113, 154
Decimal	4299405
CIE _{Lab}	58.19, -29.78, -1.17
CIE _{LCh}	58, 29.802, 182.251
Yxy	26.1581, 0.2507, 0.3536
Android (android.graphics.Color)	4282489485 (0xFF419A8D)
YUV	125.9070, 7.4408, -53.4154
Hunter-Lab	51.1450, -24.7862, 1.8690

Details

The Hex color **419A8D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9A414E**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **79D1C3**, and **00665B** is the 20% darker color. If you saturate the color by 10%, you get **329A8B**, and if you desaturate by 10%, it is **509A8F**.

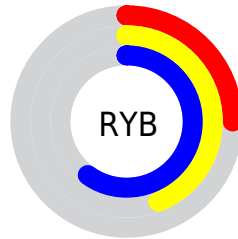
Distribution



Red (25%)

Green (60%)

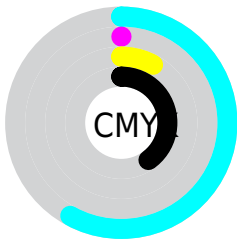
Blue (55%)



Red (25%)

Yellow (44%)

Blue (60%)

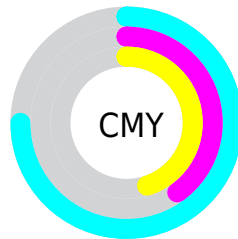


Cyan (58%)

Magenta (0%)

Yellow (8%)

Black (40%)



Cyan (75%)

Magenta (40%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 419A8D 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 419A8D by changing the saturation by 10% instead.

 419A8D

 419A8D

FFFFFF

 218074

 79D1C3

 00665B

 95EDDE

 004E44

 B2FFFB

 00362D

 CEFFFF

 002219

 ECFFFF

 000000

 419A8D

 419A8D

 329A8B

 509A8F

 229A89

 609A91

■ 139A86

■ 6F9A94

■ 039A84

■ 7F9A96

■ 009A84

■ 8E9A98

■ 9D9A9A

■ AD9A9D

■ BC9A9F

■ CC9AA1

Harmonies

Analogous

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



619873



419A8D



2D99A7

Triad

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



419A8D



9284B8



B1825E

Complementary

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



419A8D



9A414E

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.



BE7A71



419A8D



AF7CA5

Square

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



419A8D



6B8EC0



BE788B



9C8B57

Rectangle

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



419A8D



3797B4



BE788B



B77F64

Sweetspot

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



419A8D



A7C9C4



4E9A41



526663



E6E6E6



666666

Same Dimension

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



419A8D



3EC9B5



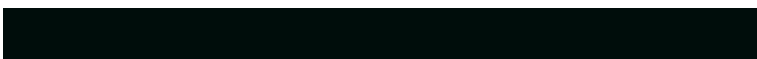
417B9A



454D4B



008C78



000D0B

Inverse Universe

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



9A414E



C93E53



9A6041



4D4546



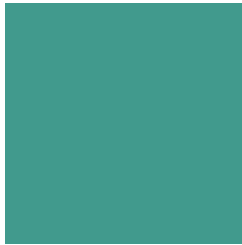
8C0014



0D0002

Previews

White Background



This preview shows how the Hex color 419A8D looks on a white background.

Color Contrast Check

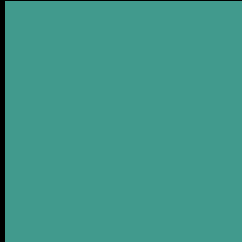
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 419A8D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

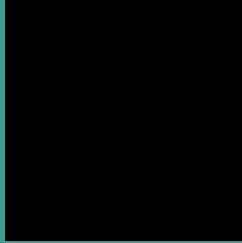
Any Text WCAG AA ✓ Pass

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 419A8D Background



This preview shows how black text looks on a background with the Hex color 419A8D.

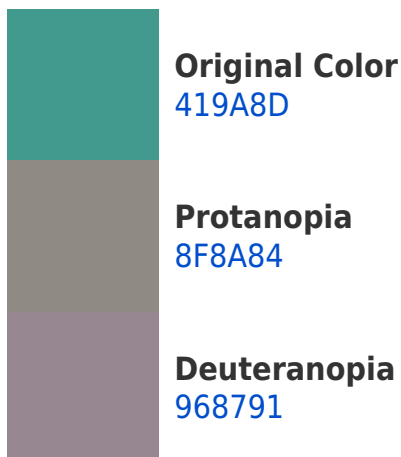


This preview shows how white text looks on a background with the Hex color 419A8D.

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



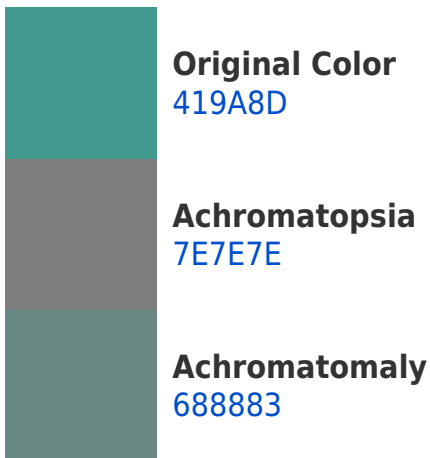


Tritanopia
4997A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 419A8D 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 #419A8D looks like.

```
.text, #text, p{  
    color:#419A8D  
}
```

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 #419A8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #419A8D
}
```

Border

The CSS property to change the border of an element to Hex 419A8D 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
#419A8D }
```

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

```
.border{ border-color:#419A8D }
```

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

Here you see how a box with a 4 pixel #419A8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #419A8D; -webkit-box-shadow:4px 4px  
4px 4px #419A8D; box-shadow:4px 4px 4px  
4px #419A8D }
```

Background

The CSS property to change the background color of an element to Hex 419A8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#419A8D }
```

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

```
.background{ background-color:#419A8D }
```

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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