

# Converting Colors

Hex(419273)

Have a look what the booklet for  
Hex(419273) contains.

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**Color**

**Hex(419273)**

# Conversions

## Conversions Part 1

Format	Color
Hex	419273
RGB	65, 146, 115
RGB Percent	25%, 57%, 45%
CMY	0.7451, 0.4275, 0.5490
CMYK	0.55, 0.00, 0.21, 0.43
HSL	157°, 38%, 41%
HSV	157°, 55%, 57%
XYZ	15.5534, 22.9194, 19.8238
YIQ	118.2470, -38.3250, -26.8130

# Conversions

## Conversions Part 2

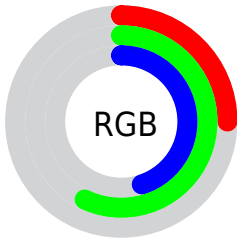
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 115, 146
Decimal	4297331
CIELab	54.99, -32.50, 9.04
CIElCh	55, 33.738, 164.457
Yxy	22.9194, 0.2668, 0.3932
Android (android.graphics.Color)	4282487411 (0xFF419273)
YUV	118.2470, -1.6008, -46.6976
Hunter-Lab	47.8742, -25.7888, 8.9611

# Details

The Hex color **419273** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **924160**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **77C8A7**, and **005F43** is the 20% darker color. If you saturate the color by 10%, you get **32926D**, and if you desaturate by 10%, it is **509279**.

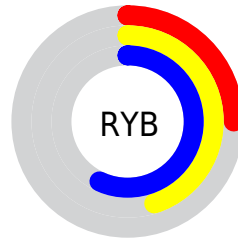
# Distribution



Red (25%)

Green (57%)

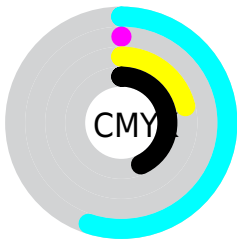
Blue (45%)



Red (25%)

Yellow (45%)

Blue (57%)

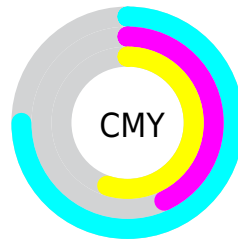


Cyan (55%)

Magenta (0%)

Yellow (21%)

Black (43%)



Cyan (75%)

Magenta (43%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 419273 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 419273 by changing the saturation by 10% instead.



 419273

 419273

FFFFFF

 24785A

 77C8A7

 005F43

 93E5C2

 00462D

 AFFFDE

 002F18

 CBFFFB

 001A00

 E8FFFF

 000000

 419273

 419273

 32926D

 509279

 249268

 5E927E

■ 159262

■ 6D9284

■ 07925D

■ 7B9289

■ 00925A

■ 8A928F

■ 999295

■ A7929A

■ B692A0

■ C492A5

# Harmonies

## Analogous

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



688E59



419273



009391

# Triad

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



419273



7082BC



B6735C

# Complementary

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



419273



924160

# 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.



BC6D76



419273



9977AD

# Square

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



419273



398BBB



B36E94



A47D4B

# Rectangle

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



419273



0092A4



B36E94



BA7064



# Sweetspot

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



419273



9DBDB0



609241



4B5E57



DEDEDE



5E5E5E



# Same Dimension

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



419273



3EBD8C



418992



434A47



008A55



000A06



# Inverse Universe

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



924160



BD3E6F



924A41



4A4345



8A0035



0A0004



# Previews

## White Background



This preview shows how the Hex color 419273 looks on a white background.

## Color Contrast Check

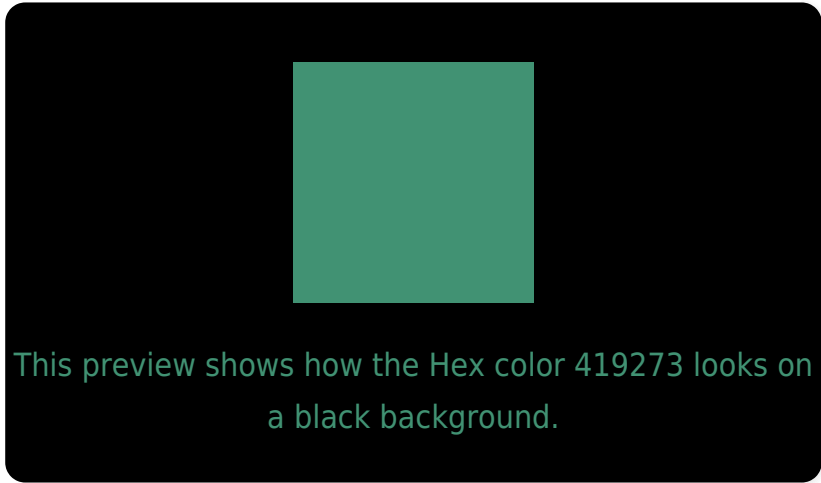
Large Text (above 18pt) WCAG AA ✓ Pass

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

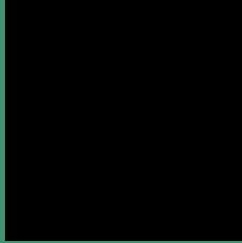
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 419273 Background



This preview shows how black text looks on a background with the Hex color 419273.

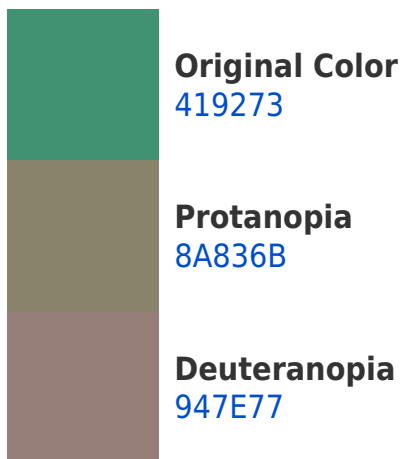



This preview shows how white text looks on a background with the Hex color 419273.

# 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**  
4D8D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 419273 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 #419273 looks like.

```
.text, #text, p{  
    color:#419273  
}
```

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 #419273 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #419273  
}
```

## Border

The CSS property to change the border of an element to Hex 419273 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  
#419273 }
```

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

```
.border{ border-color:#419273 }
```

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

Here you see how a box with a 4 pixel #419273 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #419273; -webkit-box-shadow:4px 4px  
4px 4px #419273; box-shadow:4px 4px 4px  
4px #419273 }
```

# Background

The CSS property to change the background color of an element to Hex 419273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#419273 }
```

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

```
.background{ background-color:#419273 }
```

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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