

# Converting Colors

Hex(469383)

Have a look what the booklet for  
Hex(469383) contains.

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# Color

Hex(469383)

# Conversions

## Conversions Part 1

Format	Color
Hex	469383
RGB	70, 147, 131
RGB Percent	27%, 58%, 51%
CMY	0.7255, 0.4235, 0.4863
CMYK	0.52, 0.00, 0.11, 0.42
HSL	168°, 35%, 43%
HSV	168°, 52%, 58%
XYZ	17.0562, 23.8082, 25.1692
YIQ	122.1530, -40.7560, -21.3000

# Conversions

## Conversions Part 2

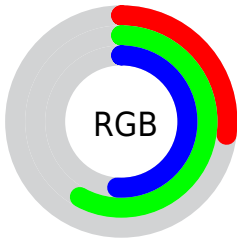
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 113, 147
Decimal	4625283
CIELab	55.90, -27.87, 1.21
CIELCh	56, 27.897, 177.507
Yxy	23.8082, 0.2583, 0.3605
Android (android.graphics.Color)	4282815363 (0xFF469383)
YUV	122.1530, 4.3616, -45.7382
Hunter-Lab	48.7937, -22.9927, 3.5720

# Details

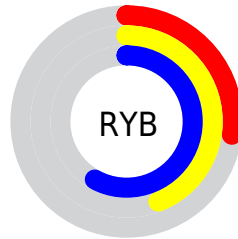
The Hex color **469383** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **934656**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **7CC9B8**, and **026052** is the 20% darker color. If you saturate the color by 10%, you get **379380**, and if you desaturate by 10%, it is **559386**.

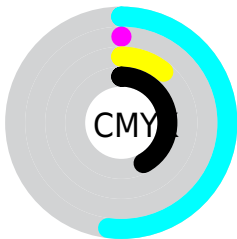
# Distribution



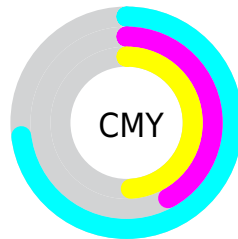
- Red (27%)
- Green (58%)
- Blue (51%)



- Red (27%)
- Yellow (44%)
- Blue (58%)



- Cyan (52%)
- Magenta (0%)
- Yellow (11%)
- Black (42%)



- Cyan (73%)
- Magenta (42%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 469383 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 469383 by changing the saturation by 10% instead.



 469383

 469383

FFFFFF

 2A796A

 7CC9B8

 026052

 98E6D4

 00483B

 B4FFF0

 003125

 D0FFFF

 001D10

 EDFFFF

 000000

 469383

 469383

 379380

 559386

 29937D

 639389

■ 1A937A

■ 72938C

■ 0B9377

■ 81938F

■ 009374

■ 909392

■ 9E9395

■ AD9398

■ BC939B

■ CA939E

# Harmonies

## Analogous

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



63906B



469383



32939B

# Triad

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



469383



8680B1



AC7B5E

# Complementary

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



469383



934656

# 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.



B57571



469383



A378A0

# Square

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



469383



6289B6



B37489



988455

# Rectangle

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



469383



3691A9



B37489



B07963



# Sweetspot

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



469383



A1BFB9



579346



4E615D



E0E0E0



616161



# Same Dimension

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



469383



47BFA6



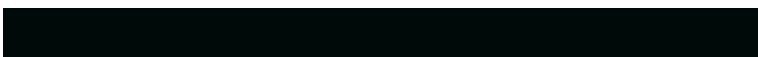
467D93



434A48



008A6D



000A08



# Inverse Universe

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



934656



BF4760



935C46



4A4344



8A001D

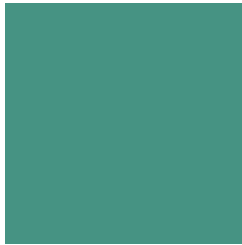


0A0002



# Previews

## White Background



This preview shows how the Hex color 469383 looks on a white background.

## Color Contrast Check

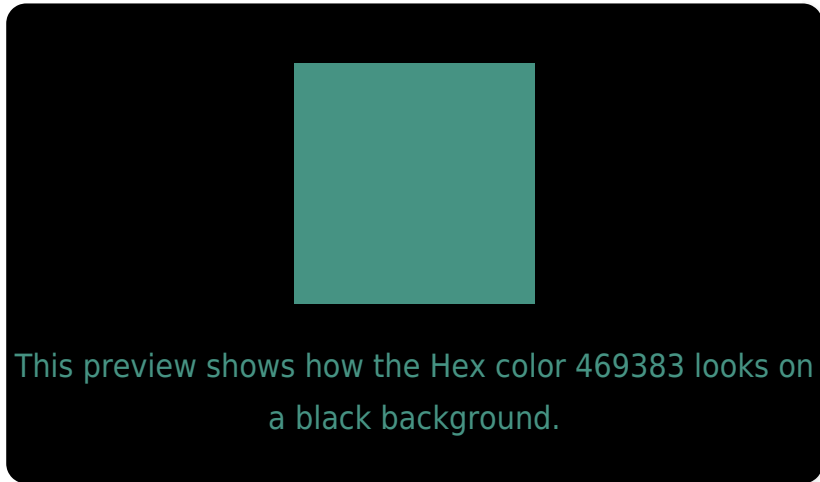
Large Text (above 18pt) WCAG AA ✓ Pass

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

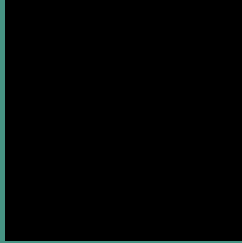
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 469383 Background



This preview shows how black text looks on a background with the Hex color 469383.

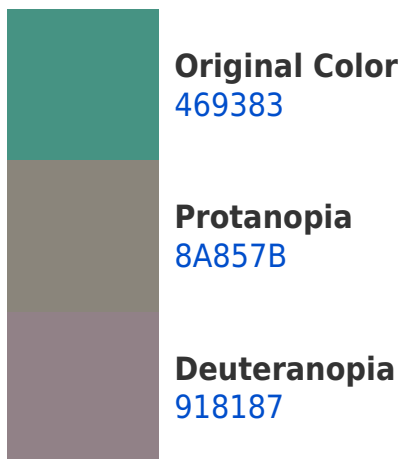


This preview shows how white text looks on a background with the Hex color 469383.

# 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**  
4E909B

# Trichromacy



**Original Color**  
469383

**Protanomaly**  
718A7E

**Deuteranomaly**  
768886

**Tritanomaly**  
4B9192

# Monochromacy



**Original Color**  
469383

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
67837D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 469383 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 #469383 looks like.

```
.text, #text, p{  
    color:#469383  
}
```

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 #469383 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #469383
}
```

## Border

The CSS property to change the border of an element to Hex 469383 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
#469383 }
```

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

```
.border{ border-color:#469383 }
```

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

Here you see how a box with a 4 pixel #469383 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #469383; -webkit-box-shadow:4px 4px  
4px 4px #469383; box-shadow:4px 4px 4px  
4px #469383 }
```

# Background

The CSS property to change the background color of an element to Hex 469383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#469383 }
```

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

```
.background{ background-color:#469383 }
```

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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