

# Converting Colors

Hex(469A9D)

Have a look what the booklet for  
Hex(469A9D) contains.

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**Color**

**Hex(469A9D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	469A9D
RGB	70, 154, 157
RGB Percent	27%, 60%, 62%
CMY	0.7255, 0.3961, 0.3843
CMYK	0.55, 0.02, 0.00, 0.38
HSL	182°, 38%, 45%
HSV	182°, 55%, 62%
XYZ	20.1672, 26.8476, 36.0175
YIQ	129.2260, -51.0270, -16.8750

# Conversions

## Conversions Part 2

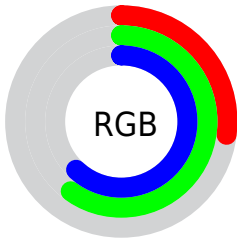
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 113, 157
Decimal	4627101
CIELab	58.83, -24.33, -9.30
CIElCh	59, 26.050, 200.908
Yxy	26.8476, 0.2429, 0.3233
Android (android.graphics.Color)	4282817181 (0xFF469A9D)
YUV	129.2260, 13.6926, -51.9412
Hunter-Lab	51.8147, -21.2003, -4.9434

# Details

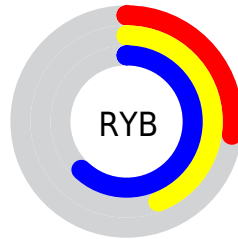
The Hex color **469A9D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9D4946**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **7ED1D4**, and **00666A** is the 20% darker color. If you saturate the color by 10%, you get **36999D**, and if you desaturate by 10%, it is **569B9D**.

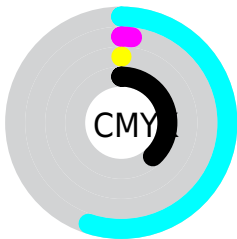
# Distribution



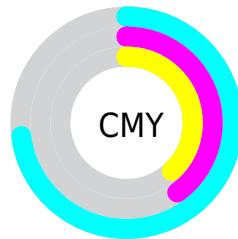
- Red (27%)
- Green (60%)
- Blue (62%)



- Red (27%)
- Yellow (44%)
- Blue (62%)



- Cyan (55%)
- Magenta (2%)
- Yellow (0%)
- Black (38%)



- Cyan (73%)
- Magenta (40%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 469A9D 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 469A9D by changing the saturation by 10% instead.



 469A9D

 469A9D

FFFFFF

 278083

 7ED1D4

 00666A

 9AEDF0

 004E52

 B7FFFF

 00373B

 D4FFFF

 002225

 F1FFFF

 000110

 000000

 469A9D

 469A9D

 36999D

 569B9D

■ 27999D

■ 659B9D

■ 17989D

■ 759C9D

■ 07989D

■ 859C9D

■ 00989D

■ 959D9D

■ A49D9D

■ B49E9D

■ C49E9D

■ D39F9D

# Harmonies

## Analogous

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



599A86



469A9D



4A97B0

# Triad

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



469A9D



A482AB



A48A61

# Complementary

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



469A9D



9D4946

# 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.



B5826B



469A9D



B67D95

# Square

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



469A9D



878AB8



BB7D7E



8D9162

# Rectangle

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



469A9D



5B94B8



BB7D7E



AA8763



# Sweetspot

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



469A9D



A9CBCC



469D49



526566



E6E6E6



666666



# Same Dimension

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



469A9D



45C7CC



466F9D



474F4F



008A8F



000F0F



# Inverse Universe

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



9D469A



CC45C7



9D7446



4F474F



8F008A

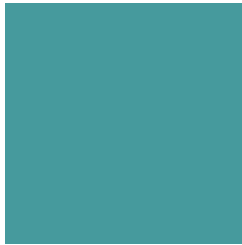


0F000F



# Previews

## White Background



This preview shows how the Hex color 469A9D looks on a white background.

## Color Contrast Check

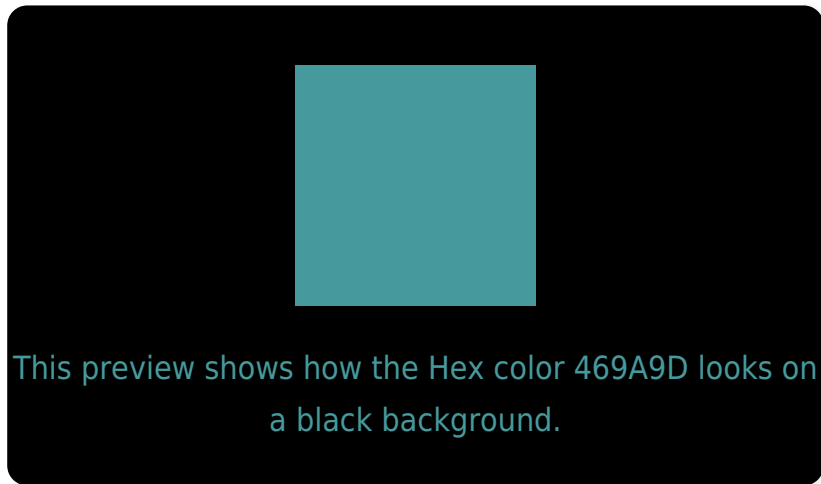
Large Text (above 18pt) WCAG AA ✓ Pass

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

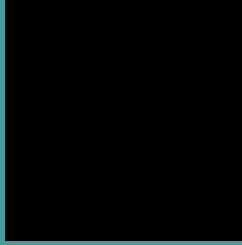
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 469A9D Background



This preview shows how black text looks on a background with the Hex color 469A9D.

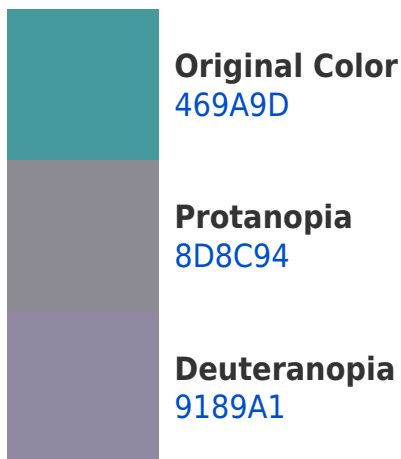


This preview shows how white text looks on a background with the Hex color 469A9D.

# 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](#).

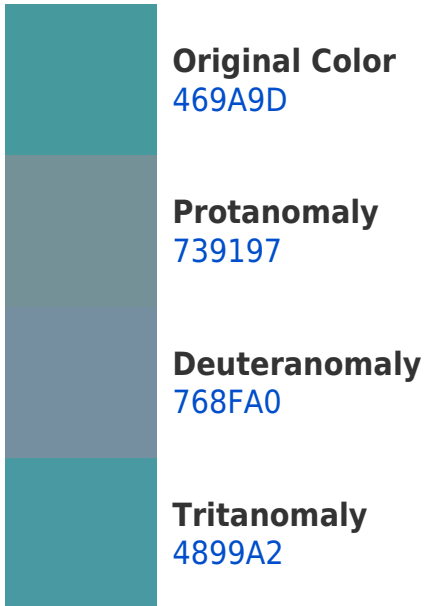
## Dichromacy



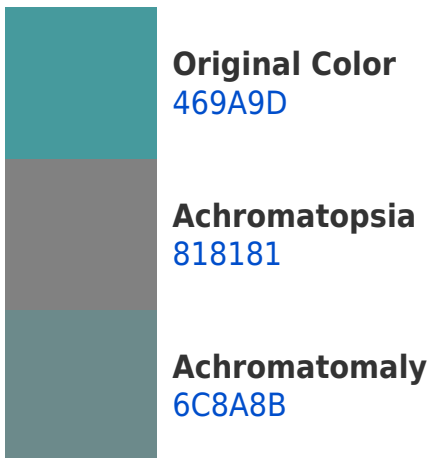


**Tritanopia**  
4999A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 469A9D 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 #469A9D looks like.

```
.text, #text, p{  
    color:#469A9D  
}
```

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 #469A9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #469A9D
}
```

## Border

The CSS property to change the border of an element to Hex 469A9D 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
#469A9D }
```

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

```
.border{ border-color:#469A9D }
```

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

Here you see how a box with a 4 pixel #469A9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #469A9D; -webkit-box-shadow:4px 4px  
4px 4px #469A9D; box-shadow:4px 4px 4px  
4px #469A9D }
```

# Background

The CSS property to change the background color of an element to Hex 469A9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#469A9D }
```

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

```
.background{ background-color:#469A9D }
```

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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