

# Converting Colors

Hex(469F82)

Have a look what the booklet for  
Hex(469F82) contains.

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**Color**

**Hex(469F82)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	469F82
RGB	70, 159, 130
RGB Percent	27%, 62%, 51%
CMY	0.7255, 0.3765, 0.4902
CMYK	0.56, 0.00, 0.18, 0.38
HSL	160°, 39%, 45%
HSV	160°, 56%, 62%
XYZ	18.9532, 27.7101, 25.4687
YIQ	129.0830, -43.7350, -27.8870

# Conversions

## Conversions Part 2

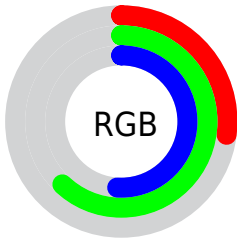
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 123, 159
Decimal	4628354
CIELab	59.63, -33.86, 7.16
CIELCh	60, 34.609, 168.059
Yxy	27.7101, 0.2628, 0.3842
Android (android.graphics.Color)	4282818434 (0xFF469F82)
YUV	129.0830, 0.4521, -51.8158
Hunter-Lab	52.6404, -27.8516, 8.1622

# Details

The Hex color **469F82** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9F4663**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **7ED6B7**, and **006B51** is the 20% darker color. If you saturate the color by 10%, you get **369F7D**, and if you desaturate by 10%, it is **569F87**.

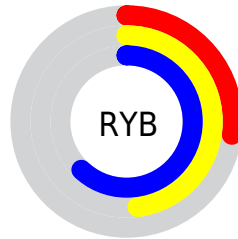
# Distribution



Red (27%)

Green (62%)

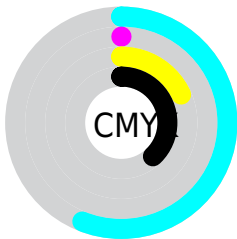
Blue (51%)



Red (27%)

Yellow (48%)

Blue (62%)

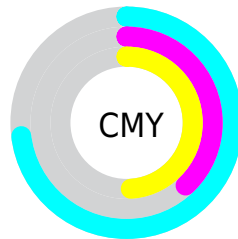


Cyan (56%)

Magenta (0%)

Yellow (18%)

Black (38%)



Cyan (73%)

Magenta (38%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 469F82 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 469F82 by changing the saturation by 10% instead.



 469F82

 469F82

FFFFFF

 288469

 7ED6B7

 006B51

 99F3D3

 00523A

 B6FFE7

 003A24

 D2FFFF

 00250F

 F0FFFF

 000000

 469F82

 469F82

 369F7D

 569F87

 269F78

 669F8C

■ 169F72

■ 769F92

■ 069F6D

■ 869F97

■ 009F6B

■ 969F9C

■ A59FA1

■ B59FA6

■ C59FAB

■ D59FB1

# Harmonies

## Analogous

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



6E9B66



469F82



0CA0A1

# Triad

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



469F82



818CC9



C37F64

# Complementary

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



469F82



9F4663

# 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.



CB787E



469F82



AA81B9

# Square

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



469F82



4C96CB



C3799D



AE8A54

# Rectangle

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



469F82



009EB4



C3799D



C77C6C



# Sweetspot

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



469F82



ABCFC3



649F46



546962



E8E8E8



696969



# Same Dimension

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



469F82



44CFA1



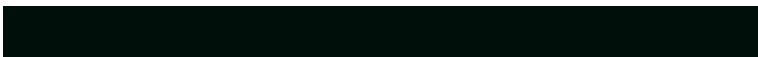
46909F



474F4C



008F60



000F0A



# Inverse Universe

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



9F4663



CF4471



9F5546



4F474A



8F002F

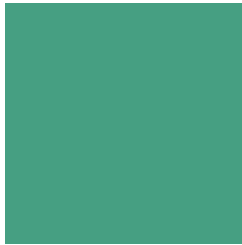


0F0005



# Previews

## White Background



This preview shows how the Hex color 469F82 looks on a white background.

## Color Contrast Check

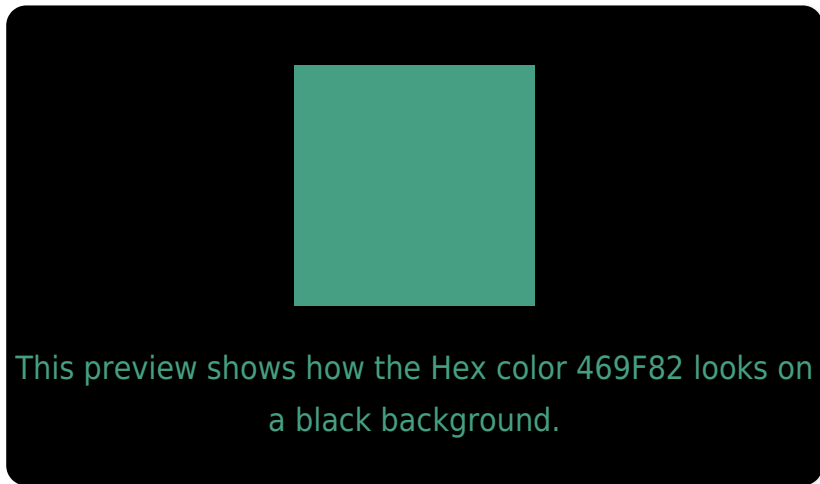
Large Text (above 18pt) WCAG AA ✓ Pass

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

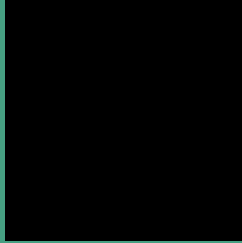
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 469F82 Background



This preview shows how black text looks on a background with the Hex color 469F82.

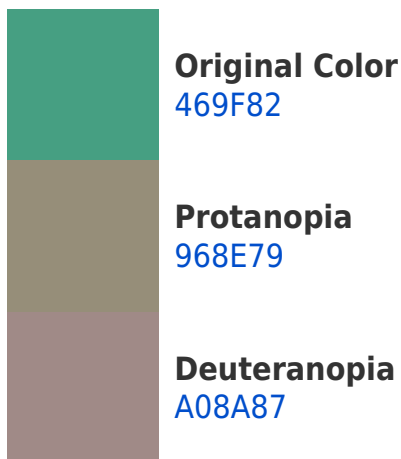


This preview shows how white text looks on a background with the Hex color 469F82.

# 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**  
529AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 469F82 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 #469F82 looks like.

```
.text, #text, p{  
    color:#469F82  
}
```

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 #469F82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #469F82
}
```

## Border

The CSS property to change the border of an element to Hex 469F82 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
#469F82 }
```

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

```
.border{ border-color:#469F82 }
```

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

Here you see how a box with a 4 pixel #469F82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #469F82; -webkit-box-shadow:4px 4px  
4px 4px #469F82; box-shadow:4px 4px 4px  
4px #469F82 }
```

# Background

The CSS property to change the background color of an element to Hex 469F82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#469F82 }
```

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

```
.background{ background-color:#469F82 }
```

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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