

# Converting Colors

Hex(6A9CAE)

Have a look what the booklet for  
Hex(6A9CAE) contains.

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# Color

**Hex(6A9CAE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A9CAE
RGB	106, 156, 174
RGB Percent	42%, 61%, 68%
CMY	0.5843, 0.3882, 0.3176
CMYK	0.39, 0.10, 0.00, 0.32
HSL	196°, 30%, 55%
HSV	196°, 39%, 68%
XYZ	25.4723, 29.8971, 44.4726
YIQ	143.1020, -35.5780, -5.0020

# Conversions

## Conversions Part 2

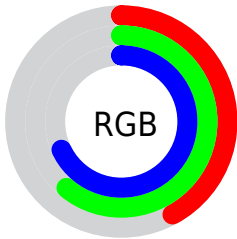
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	106, 135, 174
Decimal	6986926
CIE Lab	61.57, -11.97, -14.66
CIE LCh	62, 18.924, 230.765
Yxy	29.8971, 0.2551, 0.2994
Android (android.graphics.Color)	4285177006 (0xFF6A9CAE)
YUV	143.1020, 15.2327, -32.5385
Hunter-Lab	54.6782, -12.5312, -9.9488

# Details

The Hex color **6A9CAE** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AE7C6A**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **A0D3E5**, and **36697A** is the 20% darker color. If you saturate the color by 10%, you get **5997AE**, and if you desaturate by 10%, it is **7BA1AE**.

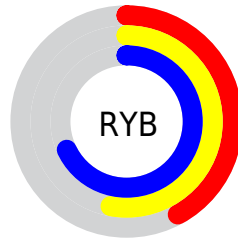
# Distribution



Red (42%)

Green (61%)

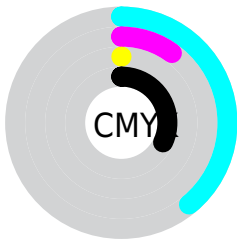
Blue (68%)



Red (42%)

Yellow (53%)

Blue (68%)

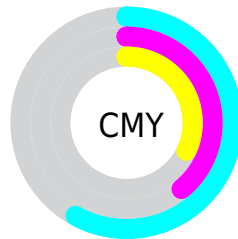


Cyan (39%)

Magenta (10%)

Yellow (0%)

Black (32%)



Cyan (58%)

Magenta (39%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A9CAE 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 6A9CAE by changing the saturation by 10% instead.





6A9CAE



6A9CAE

FFFFFF



508293



A0D3E5



36697A



BCEFFF



195161



D8FFFF



003A49



F5FFFF



002432



000C1E



000000



6A9CAE



6A9CAE



5997AE



7BA1AE

4793AE

8DA5AE

368EAE

9EAAAE

248AAE

B0AEAE

1385AE

C1B3AE

0280AE

D2B8AE

0080AE

E4BCAE

F5C1AE

FFC5AE

# Harmonies

## Analogous

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



679EA0



6A9CAE



7A98B5

# Triad

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



6A9CAE



B3899B



959775

# Complementary

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



6A9CAE



AE7C6A

# 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.



A69274



6A9CAE



B7898A

# Square

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



6A9CAE



A58DAA



B38D7B



829C7F

# Rectangle

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



6A9CAE



8994B5



B38D7B



9B9574



# Sweetspot

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



6A9CAE



C8DCE3



6AAE7B



636E73



F2F2F2



737373



# Same Dimension

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



6A9CAE



78C7E3



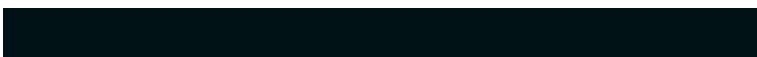
6A7BAE



4E5457



006F96



001117



# Inverse Universe

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



AE6A9C



E378C7



AE9D6A



574E54



96006F



170011



# Previews

## White Background



This preview shows how the Hex color 6A9CAE looks on a white background.

## Color Contrast Check

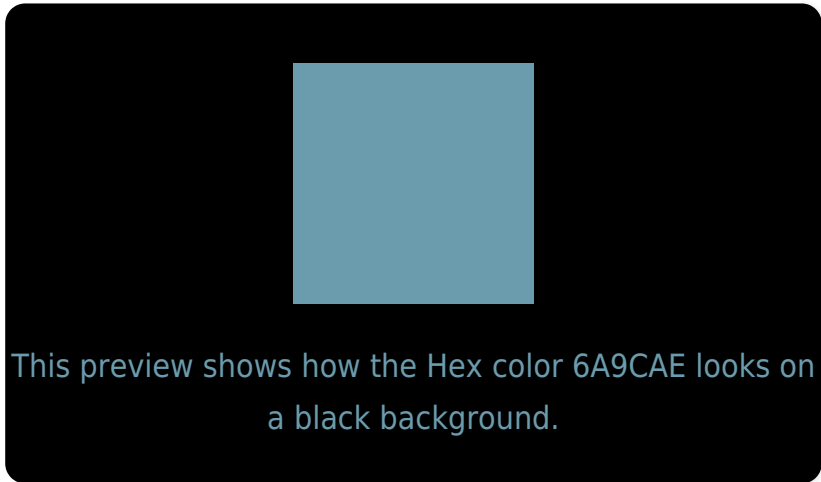
Large Text (above 18pt) WCAG AA ✓ Pass

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

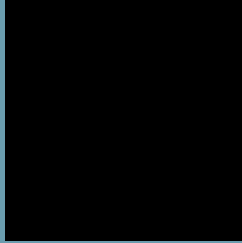
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6A9CAE Background



This preview shows how black text looks on a background with the Hex color 6A9CAE.

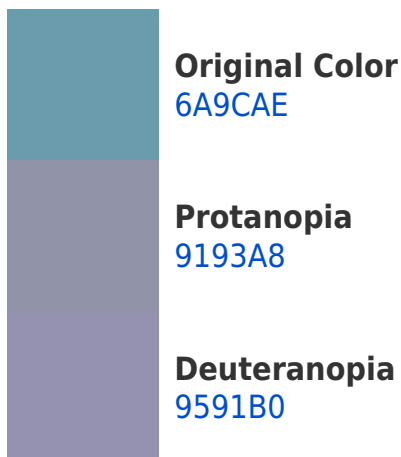


This preview shows how white text looks on a background with the Hex color 6A9CAE.

# 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](#).

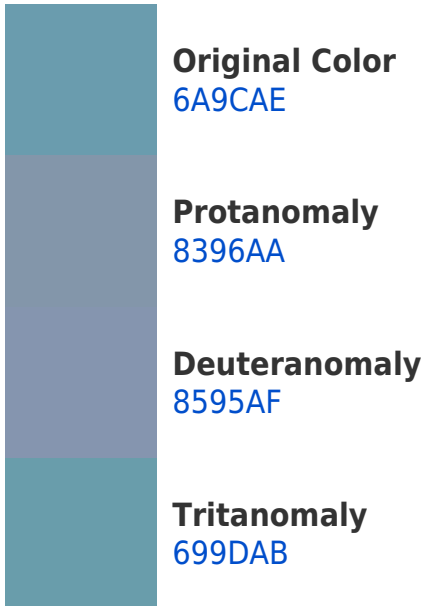
## Dichromacy



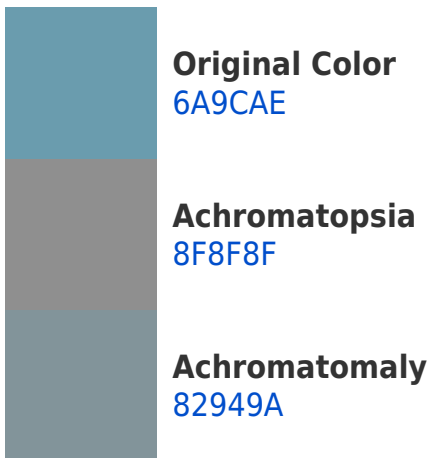


**Tritanopia**  
699DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A9CAE 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 #6A9CAE looks like.

```
.text, #text, p{  
    color:#6A9CAE  
}
```

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 #6A9CAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A9CAE
}
```

## Border

The CSS property to change the border of an element to Hex 6A9CAE 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
#6A9CAE }
```

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

```
.border{ border-color:#6A9CAE }
```

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

Here you see how a box with a 4 pixel #6A9CAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A9CAE; -webkit-box-shadow:4px 4px  
4px 4px #6A9CAE; box-shadow:4px 4px 4px  
4px #6A9CAE }
```

# Background

The CSS property to change the background color of an element to Hex 6A9CAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A9CAE }
```

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

```
.background{ background-color:#6A9CAE }
```

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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