

# Converting Colors

Hex(6C89AC)

Have a look what the booklet for  
Hex(6C89AC) contains.

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# Color

Hex(6C89AC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C89AC
RGB	108, 137, 172
RGB Percent	42%, 54%, 67%
CMY	0.5765, 0.4627, 0.3255
CMYK	0.37, 0.20, 0.00, 0.33
HSL	213°, 28%, 55%
HSV	213°, 37%, 67%
XYZ	22.5764, 24.0580, 42.4835
YIQ	132.3190, -28.5190, 4.7370

# Conversions

## Conversions Part 2

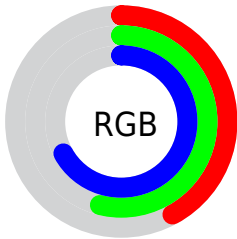
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	108, 128, 172
Decimal	7113132
CIE Lab	56.15, -1.32, -21.76
CIE LCh	56, 21.795, 266.527
Yxy	24.0580, 0.2533, 0.2700
Android (android.graphics.Color)	4285303212 (0xFF6C89AC)
YUV	132.3190, 19.5627, -21.3278
Hunter-Lab	49.0490, -3.6753, -17.0194

# Details

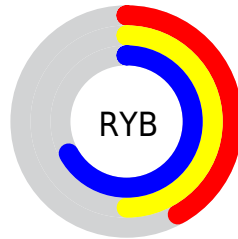
The Hex color **6C89AC** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AC8F6C**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **A1BEE3**, and **395778** is the 20% darker color. If you saturate the color by 10%, you get **5B80AC**, and if you desaturate by 10%, it is **7D92AC**.

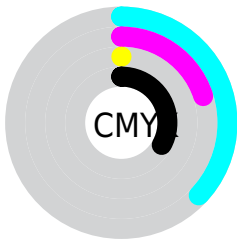
# Distribution



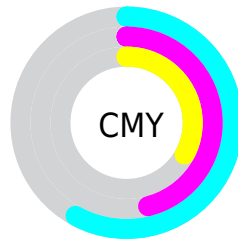
- Red (42%)
- Green (54%)
- Blue (67%)



- Red (42%)
- Yellow (50%)
- Blue (67%)



- Cyan (37%)
- Magenta (20%)
- Yellow (0%)
- Black (33%)



- Cyan (58%)
- Magenta (46%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C89AC 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 6C89AC by changing the saturation by 10% instead.



■ 6C89AC

■ 6C89AC

FFFFFF

■ 527091

■ A1BEE3

■ 395778

■ BDDAFF

■ 1F405F

■ D9F7FF

■ 002A47

■ F6FFFF

■ 001630

■ 00011B

■ 000000

■ 6C89AC

■ 6C89AC

■ 5B80AC

■ 7D92AC

■ 4A76AC

■ 8E9CAC

■ 386DAC

■ A0A5AC

■ 2763AC

■ B1AFAC

■ 165AAC

■ C2B8AC

■ 0551AC

■ D3C1AC

■ 004EAC

■ E4CBAC

■ F6D4AC

■ FFDEAC

# Harmonies

## Analogous

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



558EA6



6C89AC



8782A8

# Triad

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



6C89AC



AD7A77



6D8F71

# Complementary

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



6C89AC



AC8F6C

# 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.



838B64



6C89AC



A67E68

# Square

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



6C89AC



AA798A



978561



599184

# Rectangle

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



6C89AC



967EA1



978561



748E6C

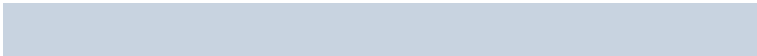


# Sweetspot

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



6C89AC



C8D3E0



6CAC8E



626870



F0F0F0



707070



# Same Dimension

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



6C89AC



7BA9E0



6E6CAC



4E5257



004496



000A17



# Inverse Universe

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



AC6C89



E07BA9



AAAC6C



574E52



960044

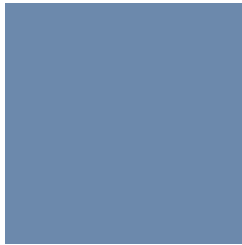


17000A



# Previews

## White Background



This preview shows how the Hex color 6C89AC looks on a white background.

## Color Contrast Check

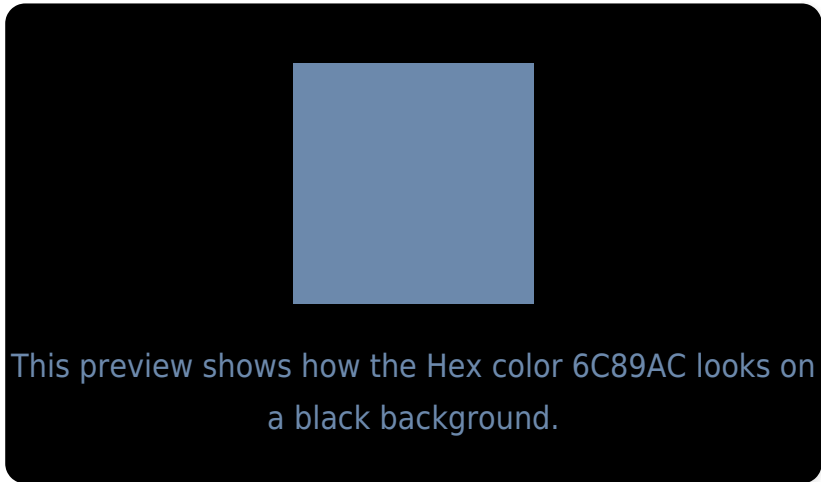
Large Text (above 18pt) WCAG AA ✓ Pass

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

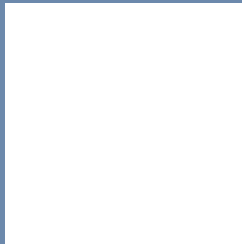
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6C89AC Background



This preview shows how black text looks on a background with the Hex color 6C89AC.



This preview shows how white text looks on a background with the Hex color 6C89AC.

# 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



**Original Color**  
6C89AC

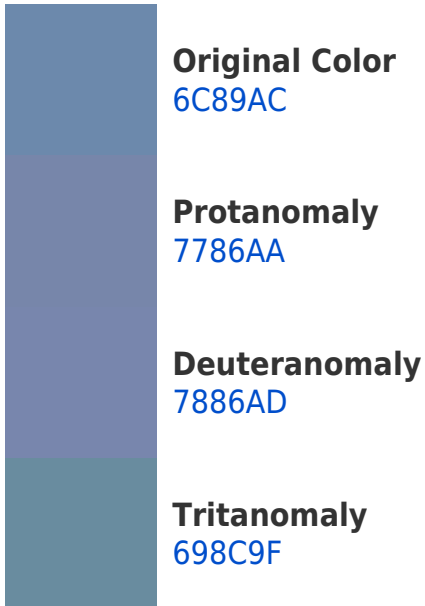
**Protanopia**  
7D85A9

**Deuteranopia**  
7F84AD



**Tritanopia**  
678D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C89AC 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 #6C89AC looks like.

```
.text, #text, p{  
    color:#6C89AC  
}
```

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 #6C89AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C89AC
}
```

## Border

The CSS property to change the border of an element to Hex 6C89AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

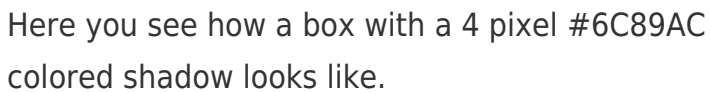
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C89AC }
```

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

```
.border{ border-color:#6C89AC }
```

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



Here you see how a box with a 4 pixel #6C89AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C89AC; -webkit-box-shadow:4px 4px  
4px 4px #6C89AC; box-shadow:4px 4px 4px  
4px #6C89AC }
```

# Background

The CSS property to change the background color of an element to Hex 6C89AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C89AC }
```

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

```
.background{ background-color:#6C89AC }
```

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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