

Converting Colors

Hex(6C89AD)

Have a look what the booklet for
Hex(6C89AD) contains.

Hex(6C89AD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6C89AD)

Conversions

Conversions Part 1

Format	Color
Hex	6C89AD
RGB	108, 137, 173
RGB Percent	42%, 54%, 68%
CMY	0.5765, 0.4627, 0.3216
CMYK	0.38, 0.21, 0.00, 0.32
HSL	213°, 28%, 55%
HSV	213°, 38%, 68%
XYZ	22.6728, 24.0966, 42.9913
YIQ	132.4330, -28.8400, 5.0480

Conversions

Conversions Part 2

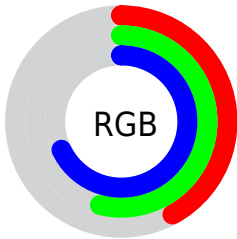
Format	Color
R _{YB}	108, 128, 173
Decimal	7113133
CIE _{Lab}	56.18, -1.05, -22.27
CIE _{LCh}	56, 22.294, 267.310
Y _{xy}	24.0966, 0.2526, 0.2685
Android (android.graphics.Color)	4285303213 (0xFF6C89AD)
YUV	132.4330, 19.9995, -21.4277
Hunter-Lab	49.0883, -3.4592, -17.5641

Details

The Hex color **6C89AD** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AD906C**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **A1BEE5**, and **395779** is the 20% darker color. If you saturate the color by 10%, you get **5B7FAD**, and if you desaturate by 10%, it is **7D93AD**.

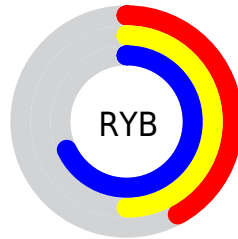
Distribution



Red (42%)

Green (54%)

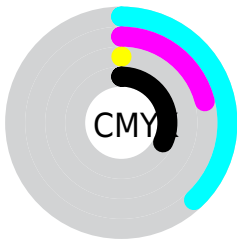
Blue (68%)



Red (42%)

Yellow (50%)

Blue (68%)

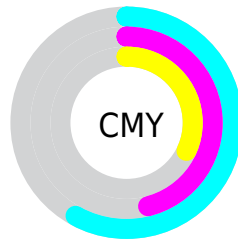


Cyan (38%)

Magenta (21%)

Yellow (0%)

Black (32%)



Cyan (58%)

Magenta (46%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C89AD 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 6C89AD by changing the saturation by 10% instead.

■ 6C89AD

■ 6C89AD

FFFFFF

■ 527092

■ A1BEE5

■ 395779

■ BDDAFF

■ 1F4060

■ D9F6FF

■ 002A48

■ F6FFFF

■ 001631

■ 00021C

■ 000000

■ 6C89AD

■ 6C89AD

■ 5B7FAD

■ 7D93AD

■ 4976AD

■ 8F9CAD

■ 386CAD

■ A0A6AD

■ 2763AD

■ B1AFAD

■ 1659AD

■ C3B9AD

■ 0450AD

■ D4C2AD

■ 004DAD

■ E5CCAD

■ F6D6AD

■ FFDFAD

Harmonies

Analogous

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



548EA7



6C89AD



8782A9

Triad

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



6C89AD



AE7A76



6C8F71

Complementary

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



6C89AD



AD906C

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.



828B64



6C89AD



A67E67

Square

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



6C89AD



AB7989



968560



579184

Rectangle

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



6C89AD



977EA1



968560



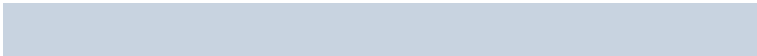
738E6C

Sweetspot

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



6C89AD



C8D3E0



6CAD90



626870



F0F0F0



707070

Same Dimension

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



6C89AD



7BA8E0



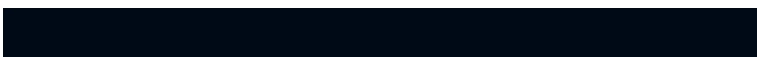
6F6CAD



4E5257



004396



000A17

Inverse Universe

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



AD6C89



E07BA8



AAAD6C



574E52



960043



17000A

Previews

White Background



This preview shows how the Hex color 6C89AD looks on a white background.

Color Contrast Check

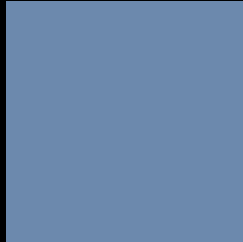
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6C89AD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

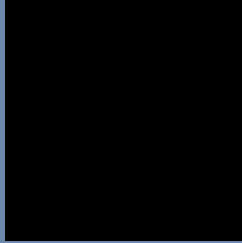
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

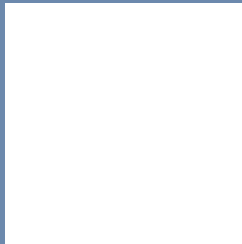
Any Text WCAG AAA × Fail

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

Hex 6C89AD Background



This preview shows how black text looks on a background with the Hex color 6C89AD.

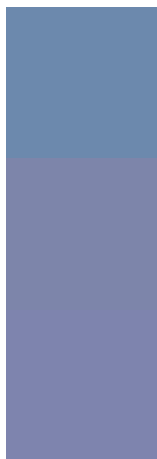


This preview shows how white text looks on a background with the Hex color 6C89AD.

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
6C89AD

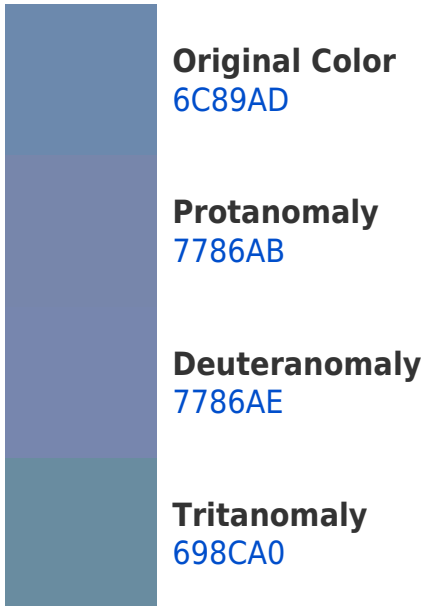
Protanopia
7D85AA

Deuteranopia
7E84AE



Tritanopia
678D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6C89AD 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 #6C89AD looks like.

```
.text, #text, p{  
    color:#6C89AD  
}
```

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 #6C89AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C89AD
}
```

Border

The CSS property to change the border of an element to Hex 6C89AD is called "border". The border property can be set on classes, ids or directly on the HTML element.

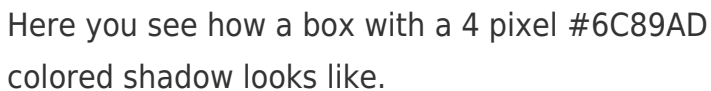
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C89AD }
```

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

```
.border{ border-color:#6C89AD }
```

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



Here you see how a box with a 4 pixel #6C89AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C89AD; -webkit-box-shadow:4px 4px  
4px 4px #6C89AD; box-shadow:4px 4px 4px  
4px #6C89AD }
```

Background

The CSS property to change the background color of an element to Hex 6C89AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C89AD }
```

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

```
.background{ background-color:#6C89AD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor