

Converting Colors

Hex(6B96AD)

Have a look what the booklet for
Hex(6B96AD) contains.

Hex(6B96AD)	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(6B96AD)

Conversions

Conversions Part 1

Format	Color
Hex	6B96AD
RGB	107, 150, 173
RGB Percent	42%, 59%, 68%
CMY	0.5804, 0.4118, 0.3216
CMYK	0.38, 0.13, 0.00, 0.32
HSL	201°, 29%, 55%
HSV	201°, 38%, 68%
XYZ	24.5126, 27.9556, 43.6392
YIQ	139.7650, -33.0110, -1.9630

Conversions

Conversions Part 2

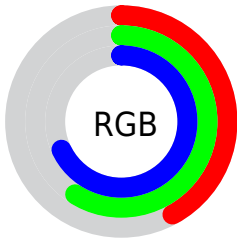
Format	Color
RYB	107, 133, 173
Decimal	7050925
CIELab	59.85, -8.67, -16.68
CIElCh	60, 18.803, 242.541
Yxy	27.9556, 0.2551, 0.2909
Android (android.graphics.Color)	4285241005 (0xFF6B96AD)
YUV	139.7650, 16.3849, -28.7349
Hunter-Lab	52.8731, -9.7732, -11.9243

Details

The Hex color **6B96AD** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AD826B**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **A1CCE4**, and **376379** is the 20% darker color. If you saturate the color by 10%, you get **5A90AD**, and if you desaturate by 10%, it is **7C9CAD**.

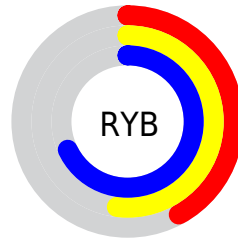
Distribution



Red (42%)

Green (59%)

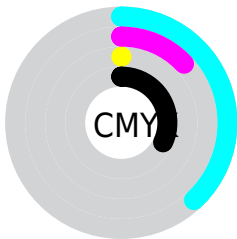
Blue (68%)



Red (42%)

Yellow (52%)

Blue (68%)

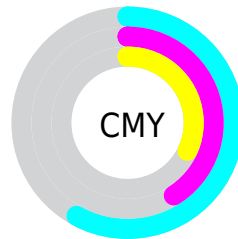


Cyan (38%)

Magenta (13%)

Yellow (0%)

Black (32%)



Cyan (58%)

Magenta (41%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B96AD 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 6B96AD by changing the saturation by 10% instead.

■ 6B96AD

■ 6B96AD

FFFFFF

■ 517C92

■ A1CCE4

■ 376379

■ BCE8FF

■ 1C4B60

■ D9FFFF

■ 003548

■ F6FFFF

■ 001F31

■ 00021D

■ 000000

■ 6B96AD

■ 6B96AD

■ 5A90AD

■ 7C9CAD

■ 488AAD

■ 8EA2AD

■ 3784AD

■ 9FA8AD

■ 267EAD

■ B0AEAD

■ 1578AD

■ C2B4AD

■ 0372AD

■ D3BAAD

■ 0071AD

■ E4C0AD

■ F5C6AD

■ FFCCAD

Harmonies

Analogous

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



6299A1



6B96AD



7F91B1

Triad

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



6B96AD



B1848F



899574

Complementary

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



6B96AD



AD826B

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.



9B906F



6B96AD



B2867F

Square

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



6B96AD



A787A0



AA8A73



769880

Rectangle

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



6B96AD



8E8DAF



AA8A73



8F9371

Sweetspot

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



6B96AD



C8D8E0



6BAD81



626B70



F0F0F0



707070

Same Dimension

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



6B96AD



79BCE0



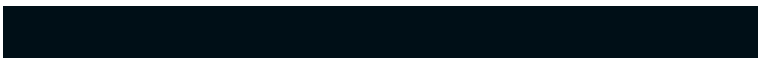
6B76AD



4E5457



006296



000F17

Inverse Universe

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



AD6B96



E079BC



ADA26B



574E54



960062



17000F

Previews

White Background



This preview shows how the Hex color 6B96AD looks on a white background.

Color Contrast Check

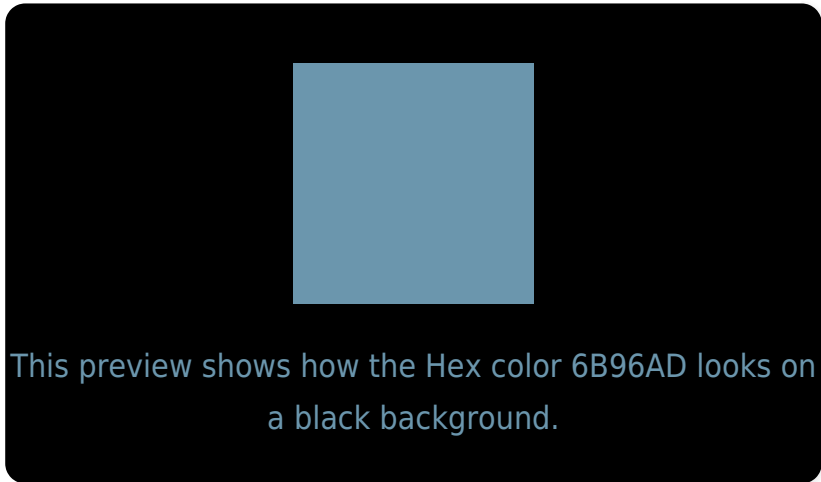
Large Text (above 18pt) WCAG AA ✓ Pass

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

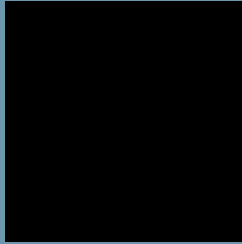
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

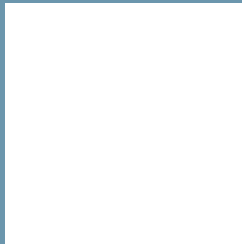
Any Text WCAG AAA × Fail

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

Hex 6B96AD Background



This preview shows how black text looks on a background with the Hex color 6B96AD.



This preview shows how white text looks on a background with the Hex color 6B96AD.

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
6B96AD

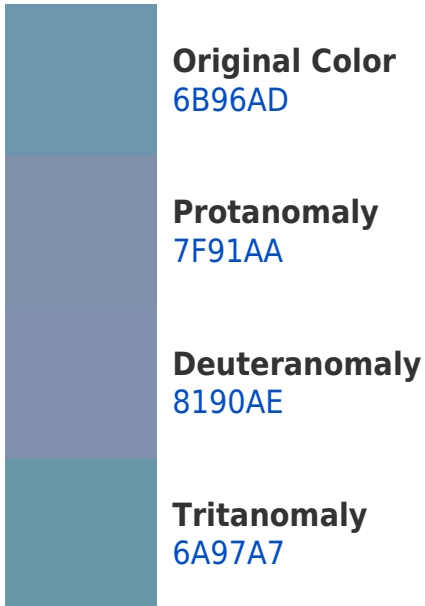
Protanopia
8B8EA8

Deuteranopia
8E8DAF

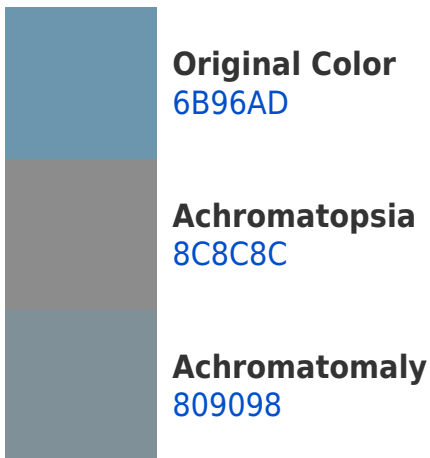


Tritanopia
6998A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B96AD 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 #6B96AD looks like.

```
.text, #text, p{  
    color:#6B96AD  
}
```

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 #6B96AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B96AD
}
```

Border

The CSS property to change the border of an element to Hex 6B96AD is called "border". The border property can be set on classes, ids or directly on the HTML element.

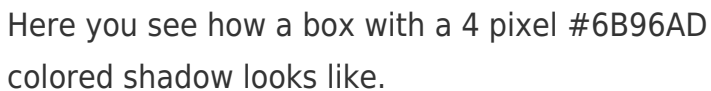
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B96AD }
```

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

```
.border{ border-color:#6B96AD }
```

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



Here you see how a box with a 4 pixel #6B96AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B96AD; -webkit-box-shadow:4px 4px  
4px 4px #6B96AD; box-shadow:4px 4px 4px  
4px #6B96AD }
```

Background

The CSS property to change the background color of an element to Hex 6B96AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B96AD }
```

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

```
.background{ background-color:#6B96AD }
```

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