

# Converting Colors

Hex(6B9DA5)

Have a look what the booklet for  
Hex(6B9DA5) contains.

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# Color

Hex(6B9DA5)

# Conversions

## Conversions Part 1

Format	Color
Hex	6B9DA5
RGB	107, 157, 165
RGB Percent	42%, 62%, 65%
CMY	0.5804, 0.3843, 0.3529
CMYK	0.35, 0.05, 0.00, 0.35
HSL	188°, 24%, 53%
HSV	188°, 35%, 65%
XYZ	24.9119, 29.9564, 40.0665
YIQ	142.9620, -32.3680, -8.1120

# Conversions

## Conversions Part 2

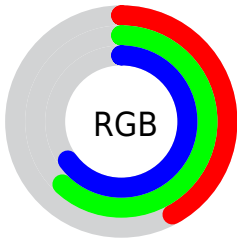
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 134, 165
Decimal	7052709
CIELab	61.62, -14.57, -9.50
CIElCh	62, 17.393, 213.095
Yxy	29.9564, 0.2624, 0.3155
Android (android.graphics.Color)	4285242789 (0xFF6B9DA5)
YUV	142.9620, 10.8647, -31.5387
Hunter-Lab	54.7324, -14.5359, -5.0901

# Details

The Hex color **6B9DA5** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A5736B**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **A0D4DC**, and **386A71** is the 20% darker color. If you saturate the color by 10%, you get **5A9BA5**, and if you desaturate by 10%, it is **7B9FA5**.

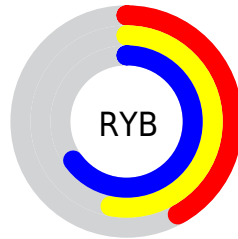
# Distribution



Red (42%)

Green (62%)

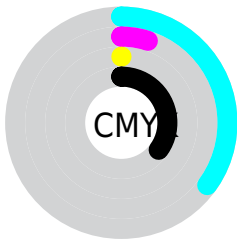
Blue (65%)



Red (42%)

Yellow (53%)

Blue (65%)

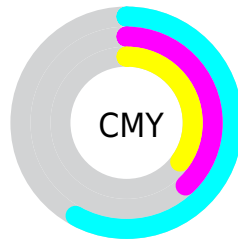


Cyan (35%)

Magenta (5%)

Yellow (0%)

Black (35%)



Cyan (58%)

Magenta (38%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B9DA5 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 6B9DA5 by changing the saturation by 10% instead.





6B9DA5



6B9DA5

FFFFFF



51838B



A0D4DC



386A71



BCF0F8



1D5159



D8FFFF



003A41



F5FFFF



00242B



000C17



000000



6B9DA5



6B9DA5



5A9BA5



7B9FA5

■ 4A98A5

■ 8CA2A5

■ 3996A5

■ 9CA4A5

■ 2994A5

■ ADA6A5

■ 1892A5

■ BDA8A5

■ 088FA5

■ CEABA5

■ 008EA5

■ DEADA5

■ EFafa5

■ FFB1A5

# Harmonies

## Analogous

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



6F9E96



6B9DA5



739AB0

# Triad

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



6B9DA5



AA8CA3



9F9476

# Complementary

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



6B9DA5



A5736B

# 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.



AD8F7A



6B9DA5



B48A94

# Square

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



6B9DA5



9A90AF



B48B85



8E997B

# Rectangle

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



6B9DA5



7F97B3



B48B85



A49377



# Sweetspot

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



6B9DA5



BFD3D6



6BA573



5D696B



EBEBEB



6B6B6B



# Same Dimension

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



6B9DA5



7CCAD6



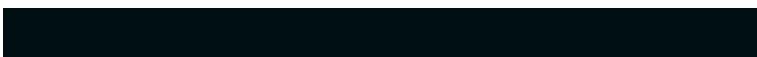
6B80A5



495052



007D91



000F12



# Inverse Universe

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



A56B9D



D67CCA



A5906B



524950



91007D



12000F



# Previews

## White Background



This preview shows how the Hex color 6B9DA5 looks on a white background.

## Color Contrast Check

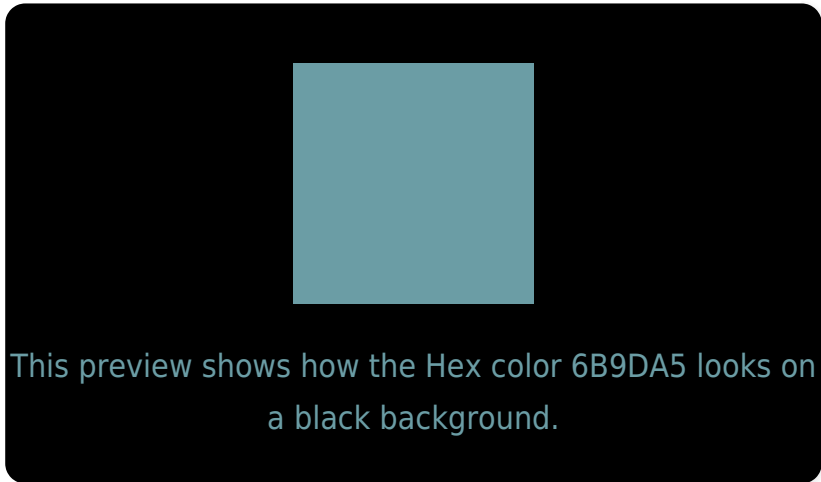
Large Text (above 18pt) WCAG AA ✓ Pass

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

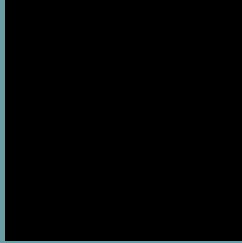
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6B9DA5 Background



This preview shows how black text looks on a background with the Hex color 6B9DA5.

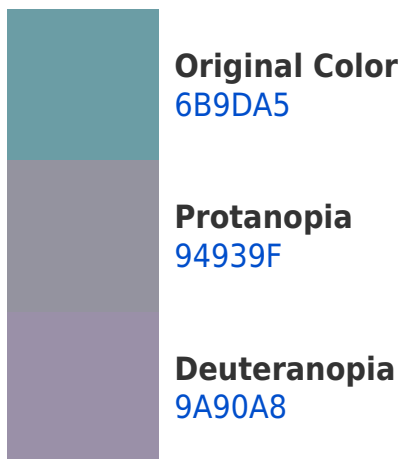


This preview shows how white text looks on a background with the Hex color 6B9DA5.

# 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](#).

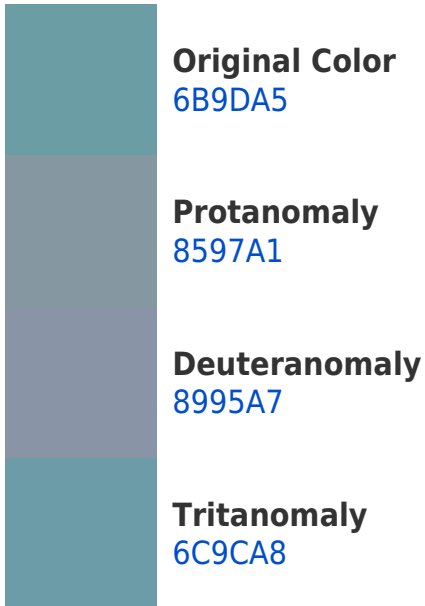
## Dichromacy



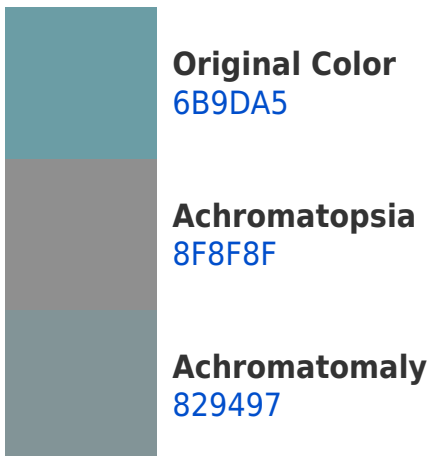


**Tritanopia**  
6C9CA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B9DA5 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 #6B9DA5 looks like.

```
.text, #text, p{  
    color:#6B9DA5  
}
```

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 #6B9DA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B9DA5
}
```

## Border

The CSS property to change the border of an element to Hex 6B9DA5 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
#6B9DA5 }
```

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

```
.border{ border-color:#6B9DA5 }
```

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

Here you see how a box with a 4 pixel #6B9DA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B9DA5; -webkit-box-shadow:4px 4px  
4px 4px #6B9DA5; box-shadow:4px 4px 4px  
4px #6B9DA5 }
```

# Background

The CSS property to change the background color of an element to Hex 6B9DA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B9DA5 }
```

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

```
.background{ background-color:#6B9DA5 }
```

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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