

# Converting Colors

Hex(6A9DA9)

Have a look what the booklet for  
Hex(6A9DA9) contains.

<b>Hex(6A9DA9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(6A9DA9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A9DA9
RGB	106, 157, 169
RGB Percent	42%, 62%, 66%
CMY	0.5843, 0.3843, 0.3373
CMYK	0.37, 0.07, 0.00, 0.34
HSL	191°, 27%, 54%
HSV	191°, 37%, 66%
XYZ	25.1623, 30.0427, 42.0087
YIQ	143.1190, -34.2480, -7.0800

# Conversions

## Conversions Part 2

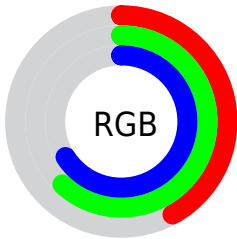
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 134, 169
Decimal	6987177
CIELab	61.69, -13.82, -11.65
CIELCh	62, 18.077, 220.117
Yxy	30.0427, 0.2588, 0.3090
Android (android.graphics.Color)	4285177257 (0xFF6A9DA9)
YUV	143.1190, 12.7593, -32.5534
Hunter-Lab	54.8112, -13.9754, -7.0736

# Details

The Hex color **6A9DA9** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A9766A**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **A0D4E0**, and **366A75** is the 20% darker color. If you saturate the color by 10%, you get **599AA9**, and if you desaturate by 10%, it is **7BA0A9**.

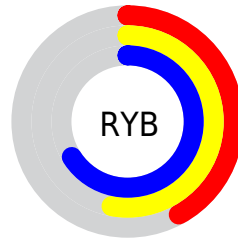
# Distribution



Red (42%)

Green (62%)

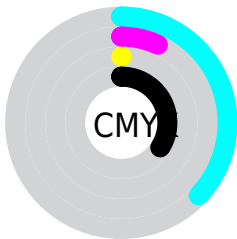
Blue (66%)



Red (42%)

Yellow (53%)

Blue (66%)

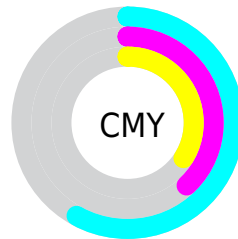


Cyan (37%)

Magenta (7%)

Yellow (0%)

Black (34%)



Cyan (58%)

Magenta (38%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A9DA9 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 6A9DA9 by changing the saturation by 10% instead.



 6A9DA9

 6A9DA9

FFFFFF

 50838F

 A0D4E0

 366A75

 BBF0FD

 1B515C

 D8FFFF

 003A45

 F5FFFF

 00242E

 000D1A

 000000

 6A9DA9

 6A9DA9

 599AA9

 7BA0A9

■ 4897A9

■ 8CA3A9

■ 3793A9

■ 9DA7A9

■ 2690A9

■ AEAAA9

■ 158DA9

■ BEADA9

■ 058AA9

■ CFB0A9

■ 0089A9

■ E0B4A9

■ F1B7A9

■ FFBA9

# Harmonies

## Analogous

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



6C9E9A



6A9DA9



769AB3

# Triad

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



6A9DA9



AE8BA0



9C9676

# Complementary

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



6A9DA9



A9766A

# 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.



AB9077



6A9DA9



B68A90

# Square

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



6A9DA9



9F8FAE



B48C81



8A9A7C

# Rectangle

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



6A9DA9



8396B5



B48C81



A19475



# Sweetspot

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



6A9DA9



C3D7DB



6AA976



5F6B6E



EDEDED



6E6E6E



# Same Dimension

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



6A9DA9



79C9DB



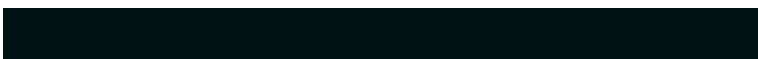
6A7EA9



4C5354



007894



001114



# Inverse Universe

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



A96A9D



DB79C9



A9956A



544C53



940078

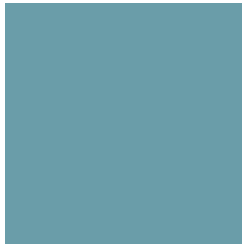


140011



# Previews

## White Background



This preview shows how the Hex color 6A9DA9 looks on a white background.

## Color Contrast Check

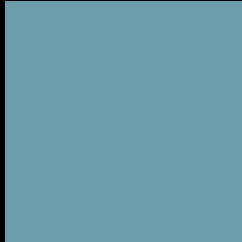
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A9DA9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

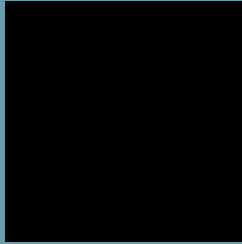
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6A9DA9 Background



This preview shows how black text looks on a background with the Hex color 6A9DA9.

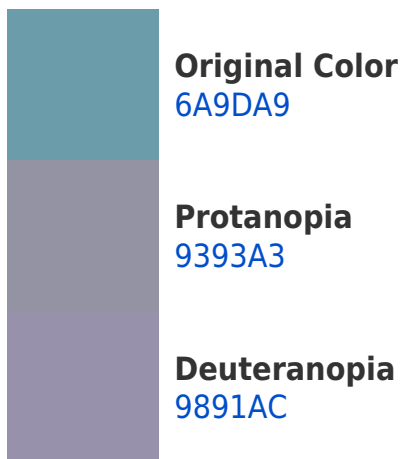


This preview shows how white text looks on a background with the Hex color 6A9DA9.

# 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](#).

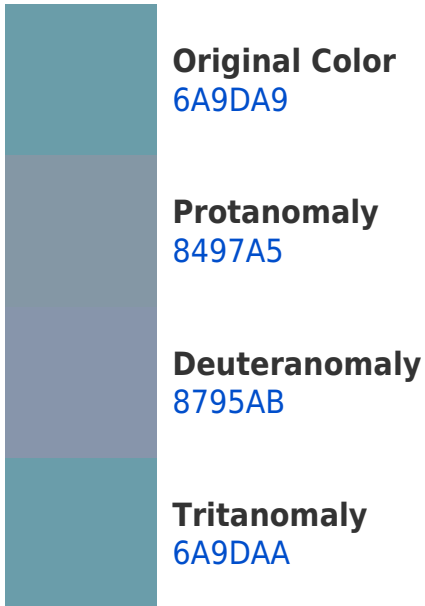
## Dichromacy



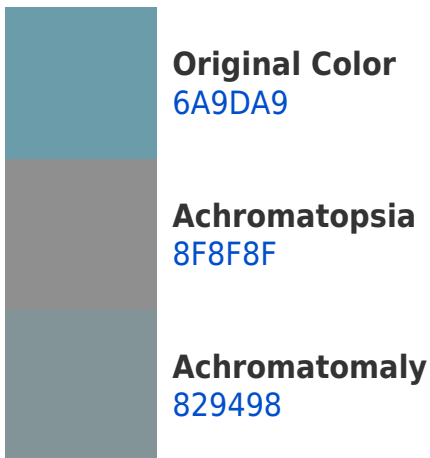


**Tritanopia**  
6A9DAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A9DA9 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 #6A9DA9 looks like.

```
.text, #text, p{  
    color:#6A9DA9  
}
```

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 #6A9DA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A9DA9
}
```

## Border

The CSS property to change the border of an element to Hex 6A9DA9 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
#6A9DA9 }
```

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

```
.border{ border-color:#6A9DA9 }
```

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

Here you see how a box with a 4 pixel #6A9DA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A9DA9; -webkit-box-shadow:4px 4px  
4px 4px #6A9DA9; box-shadow:4px 4px 4px  
4px #6A9DA9 }
```

# Background

The CSS property to change the background color of an element to Hex 6A9DA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A9DA9 }
```

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

```
.background{ background-color:#6A9DA9 }
```

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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