

Converting Colors

Hex(6A9CA9)

Have a look what the booklet for
Hex(6A9CA9) contains.

| | |
|--|----|
| Hex(6A9CA9) | 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(6A9CA9)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 6A9CA9 |
| RGB | 106, 156, 169 |
| RGB Percent | 42%, 61%, 66% |
| CMY | 0.5843, 0.3882, 0.3373 |
| CMYK | 0.37, 0.08, 0.00, 0.34 |
| HSL | 192°, 27%, 54% |
| HSV | 192°, 37%, 66% |
| XYZ | 24.9938, 29.7057, 41.9526 |
| YIQ | 142.5320, -33.9730, -6.5570 |

Conversions

Conversions Part 2

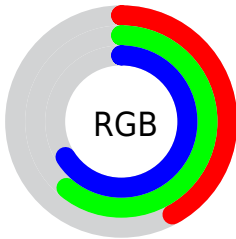
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 106, 134, 169 |
| Decimal | 6986921 |
| CIELab | 61.40, -13.29, -12.09 |
| CIELCh | 61, 17.961, 222.293 |
| Yxy | 29.7057, 0.2586, 0.3073 |
| Android (android.graphics.Color) | 4285177001 (0xFF6A9CA9) |
| YUV | 142.5320, 13.0487, -32.0386 |
| Hunter-Lab | 54.5029, -13.5242, -7.4853 |

Details

The Hex color **6A9CA9** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A9776A**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A0D3E0**, and **366975** is the 20% darker color. If you saturate the color by 10%, you get **5999A9**, and if you desaturate by 10%, it is **7B9FA9**.

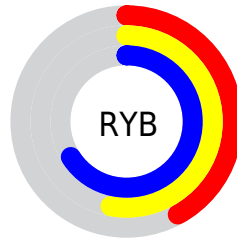
Distribution



Red (42%)

Green (61%)

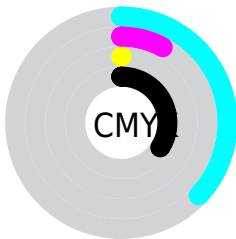
Blue (66%)



Red (42%)

Yellow (53%)

Blue (66%)

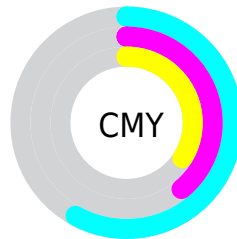


Cyan (37%)

Magenta (8%)

Yellow (0%)

Black (34%)



Cyan (58%)

Magenta (39%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A9CA9 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 6A9CA9 by changing the saturation by 10% instead.



6A9CA9



6A9CA9

FFFFFF



50828F



A0D3E0



366975



BBEFFF



1B515C



D8FFFF



003945



F5FFFF



00242E



000B1A



000000



6A9CA9



6A9CA9



5999A9



7B9FA9

■ 4895A9

■ 8CA3A9

■ 3792A9

■ 9DA6A9

■ 268EA9

■ AEAAA9

■ 158BA9

■ BEADA9

■ 0587A9

■ CFB1A9

■ 0086A9

■ E0B4A9

■ F1B8A9

■ FFBA9

Harmonies

Analogous

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



6B9D9A



6A9CA9



7698B2

Triad

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



6A9CA9



AE8A9E



9A9575

Complementary

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



6A9CA9



A9776A

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.



A99076



6A9CA9



B5898E

Square

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



6A9CA9



9F8EAC



B38B80



889A7C

Rectangle

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



6A9CA9



8395B4



B38B80



9F9475

Sweetspot

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



6A9CA9



C3D6DB



6AA977



5F6B6E



EDEDED



6E6E6E

Same Dimension

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



6A9CA9



79C7DB



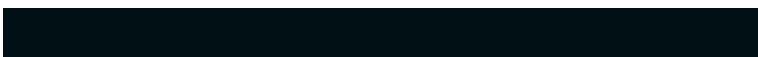
6A7DA9



4C5254



007594



001014

Inverse Universe

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



A96A9C



DB79C7



A9966A



544C52



940075



140010

Previews

White Background



This preview shows how the Hex color 6A9CA9 looks on a white background.

Color Contrast Check

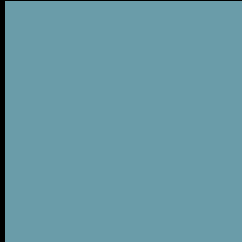
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A9CA9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

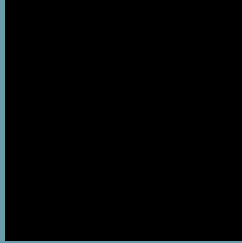
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

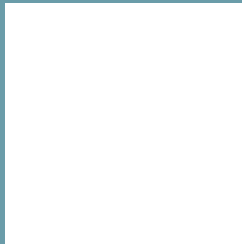
Any Text WCAG AAA × Fail

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

Hex 6A9CA9 Background



This preview shows how black text looks on a background with the Hex color 6A9CA9.



This preview shows how white text looks on a background with the Hex color 6A9CA9.

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](#).

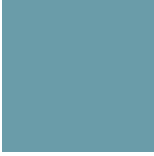
Dichromacy



Original Color
6A9CA9

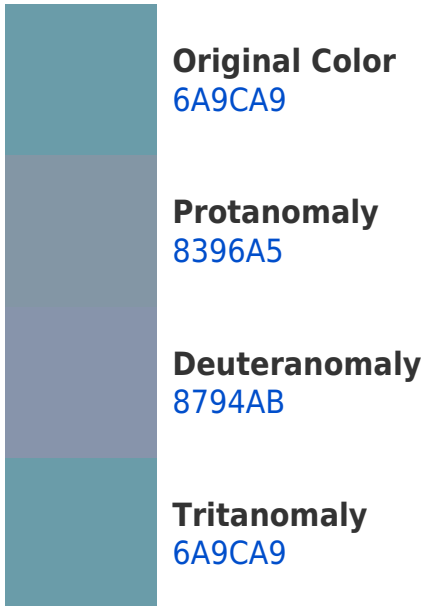
Protanopia
9293A3

Deuteranopia
9790AC

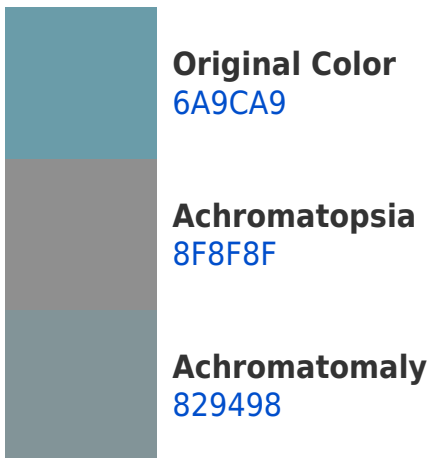


Tritanopia
6A9CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A9CA9 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 #6A9CA9 looks like.

```
.text, #text, p{  
    color:#6A9CA9  
}
```

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 #6A9CA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A9CA9
}
```

Border

The CSS property to change the border of an element to Hex 6A9CA9 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
#6A9CA9 }
```

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

```
.border{ border-color:#6A9CA9 }
```

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

Here you see how a box with a 4 pixel #6A9CA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A9CA9; -webkit-box-shadow:4px 4px  
4px 4px #6A9CA9; box-shadow:4px 4px 4px  
4px #6A9CA9 }
```

Background

The CSS property to change the background color of an element to Hex 6A9CA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A9CA9 }
```

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

```
.background{ background-color:#6A9CA9 }
```

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