

# Converting Colors

Hex(6987A4)

Have a look what the booklet for  
Hex(6987A4) contains.

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# Color

Hex(6987A4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6987A4
RGB	105, 135, 164
RGB Percent	41%, 53%, 64%
CMY	0.5882, 0.4706, 0.3569
CMYK	0.36, 0.18, 0.00, 0.36
HSL	209°, 24%, 53%
HSV	209°, 36%, 64%
XYZ	21.1905, 23.0115, 38.4468
YIQ	129.3360, -27.1890, 2.6590

# Conversions

## Conversions Part 2

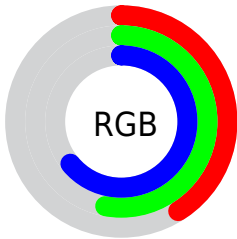
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 125, 164
Decimal	6916004
CIELab	55.08, -3.21, -18.80
CIELCh	55, 19.075, 260.297
Yxy	23.0115, 0.2564, 0.2784
Android (android.graphics.Color)	4285106084 (0xFF6987A4)
YUV	129.3360, 17.0894, -21.3427
Hunter-Lab	47.9703, -5.0972, -13.9399

# Details

The Hex color **6987A4** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A48669**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **9EBCDB**, and **375570** is the 20% darker color. If you saturate the color by 10%, you get **597FA4**, and if you desaturate by 10%, it is **798FA4**.

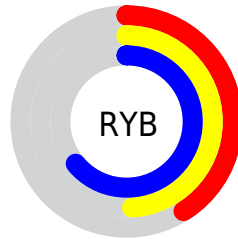
# Distribution



Red (41%)

Green (53%)

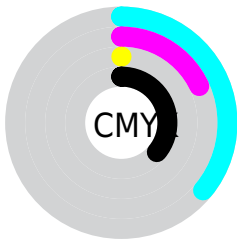
Blue (64%)



Red (41%)

Yellow (49%)

Blue (64%)

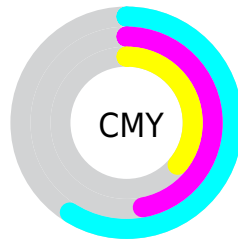


Cyan (36%)

Magenta (18%)

Yellow (0%)

Black (36%)



Cyan (59%)

Magenta (47%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6987A4 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 6987A4 by changing the saturation by 10% instead.



■ 6987A4

■ 6987A4

FFFFFF

■ 506E8A

■ 9EBCDB

■ 375570

■ B9D8F8

■ 1D3E58

■ D6F4FF

■ 002940

■ F2FFFF

■ 00142A

■ 000115

■ 000000

■ 6987A4

■ 6987A4

■ 597FA4

■ 798FA4

■ 4877A4

■ 8A97A4

■ 386FA4

■ 9A9FA4

■ 2767A4

■ ABA7A4

■ 175FA4

■ BBAFA4

■ 0757A4

■ CBB7A4

■ 0053A4

■ DCBFA4

■ ECC7A4

■ FDD0A4

# Harmonies

## Analogous

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



588B9D



6987A4



7F81A3

# Triad

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



6987A4



A67879



728B6E

# Complementary

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



6987A4



A48669

# 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.



848665



6987A4



A17C6B

# Square

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



6987A4



A1798A



958164



608D7E

# Rectangle

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



6987A4



8E7E9D



958164



78896A



# Sweetspot

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



6987A4



BFCBD6



69A486



5D646B



EBEBEB



6B6B6B



# Same Dimension

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



6987A4



7AA9D6



696AA4



494E52



004A91



000912



# Inverse Universe

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



A46987



D67AA9



A4A369



52494E



91004A

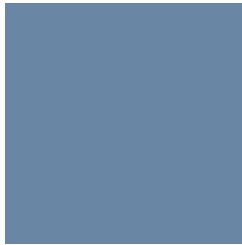


120009



# Previews

## White Background



This preview shows how the Hex color 6987A4 looks on a white background.

## Color Contrast Check

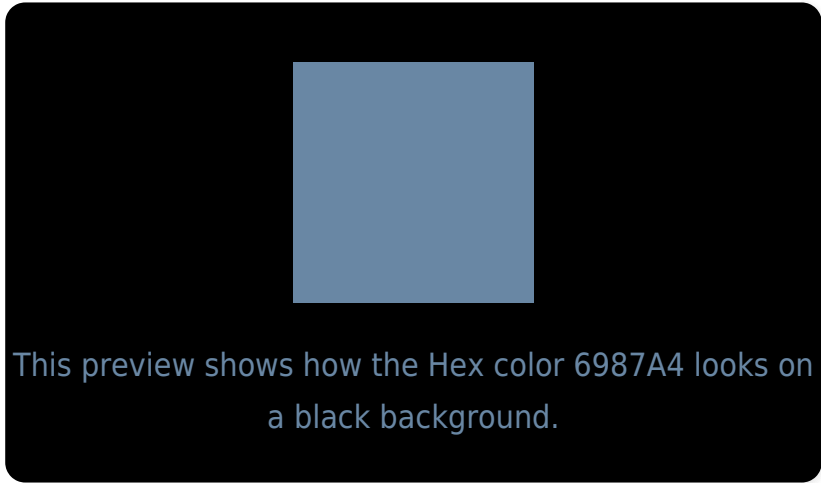
Large Text (above 18pt) WCAG AA ✓ Pass

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

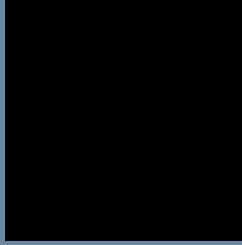
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

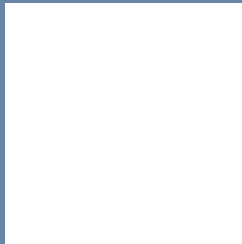
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6987A4 Background



This preview shows how black text looks on a background with the Hex color 6987A4.



This preview shows how white text looks on a background with the Hex color 6987A4.

# 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**  
6987A4

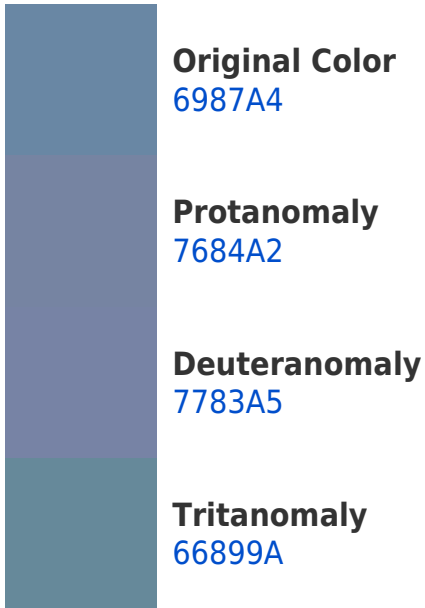
**Protanopia**  
7D82A1

**Deuteranopia**  
7F81A5

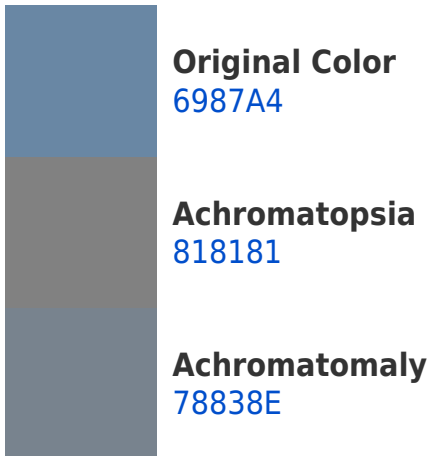


**Tritanopia**  
658A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6987A4 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 #6987A4 looks like.

```
.text, #text, p{  
    color:#6987A4  
}
```

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 #6987A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6987A4
}
```

## Border

The CSS property to change the border of an element to Hex 6987A4 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
#6987A4 }
```

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

```
.border{ border-color:#6987A4 }
```

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

Here you see how a box with a 4 pixel #6987A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6987A4; -webkit-box-shadow:4px 4px  
4px 4px #6987A4; box-shadow:4px 4px 4px  
4px #6987A4 }
```

# Background

The CSS property to change the background color of an element to Hex 6987A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6987A4 }
```

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

```
.background{ background-color:#6987A4 }
```

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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