

# Converting Colors

Hex(7F9DC5)

Have a look what the booklet for  
Hex(7F9DC5) contains.

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# **Color**

**Hex(7F9DC5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F9DC5
RGB	127, 157, 197
RGB Percent	50%, 62%, 77%
CMY	0.5020, 0.3843, 0.2275
CMYK	0.36, 0.20, 0.00, 0.23
HSL	214°, 38%, 64%
HSV	214°, 36%, 77%
XYZ	30.8874, 32.6572, 57.4988
YIQ	152.5900, -30.7200, 6.0800

# Conversions

## Conversions Part 2

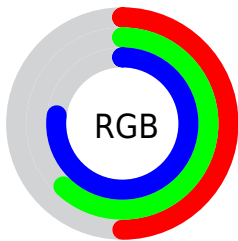
Format	Color
R <sub>Y</sub> B	127, 148, 197
Decimal	8363461
CIE Lab	63.88, -0.56, -23.93
CIE LCh	64, 23.936, 268.650
Yxy	32.6572, 0.2552, 0.2698
Android (android.graphics.Color)	4286553541 (0xFF7F9DC5)
YUV	152.5900, 21.8941, -22.4424
Hunter-Lab	57.1465, -3.5279, -19.6531

# Details

The Hex color **7F9DC5** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C5A77F**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **B6D3FE**, and **4B6A8F** is the 20% darker color. If you saturate the color by 10%, you get **6B92C5**, and if you desaturate by 10%, it is **93A8C5**.

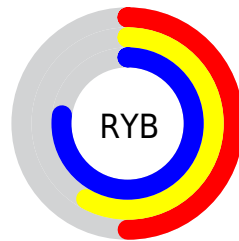
# Distribution



Red (50%)

Green (62%)

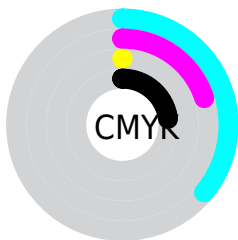
Blue (77%)



Red (50%)

Yellow (58%)

Blue (77%)

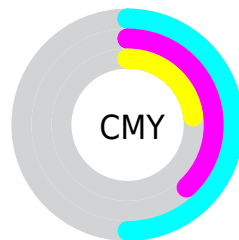


Cyan (36%)

Magenta (20%)

Yellow (0%)

Black (23%)



Cyan (50%)

Magenta (38%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F9DC5 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 7F9DC5 by changing the saturation by 10% instead.



■ 7F9DC5

■ 7F9DC5

FFFFFF

■ 6583AA

■ B6D3FE

■ 4B6A8F

■ D2F0FF

■ 315275

■ EFFFFFF

■ 153B5D

■ 002645

■ 00102E

■ 000119

■ 000000

■ 7F9DC5

■ 7F9DC5

6B92C5

93A8C5

5886C5

A6B4C5

447BC5

BABFC5

3070C5

CECAC5

1C65C5

E2D5C5

0959C5

F5E1C5

0054C5

FFECC5

FFF7C5

FFFFC5

# Harmonies

## Analogous

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



65A3BF



7F9DC5



9D96C0

# Triad

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



7F9DC5



C68D87



7CA484

# Complementary

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



7F9DC5



C5A77F

# 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.



95A075



7F9DC5



BD9277

# Square

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



7F9DC5



C48B9D



AB9970



66A799

# Rectangle

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



7F9DC5



AE91B7



AB9970



84A37E

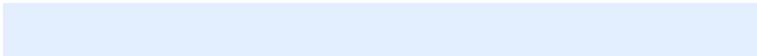


# Sweetspot

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



7F9DC5



E3EFFF



7FC5A7



6F7680



000000



808080



# Same Dimension

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



7F9DC5



91C0FF



847FC5



5A5E63



0046A3



000F24



# Inverse Universe

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



C57F9D



FF91C0



C0C57F



635A5E



A30046

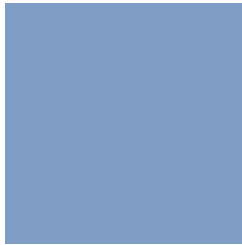


24000F



# Previews

## White Background



This preview shows how the Hex color 7F9DC5 looks on a white background.

## Color Contrast Check

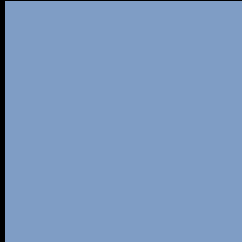
Large Text (above 18pt) WCAG AA × Fail

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 7F9DC5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

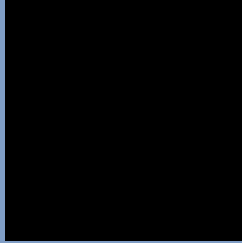
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

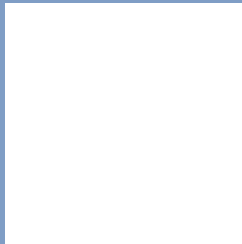
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7F9DC5 Background



This preview shows how black text looks on a background with the Hex color 7F9DC5.

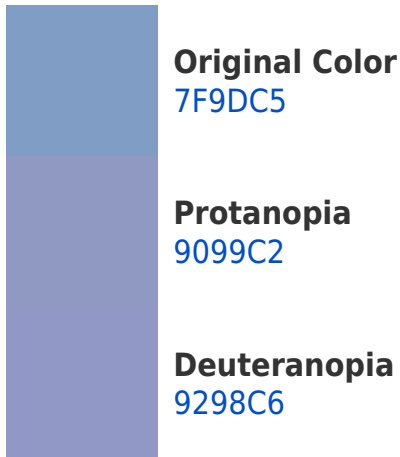


This preview shows how white text looks on a background with the Hex color 7F9DC5.

# 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](#).

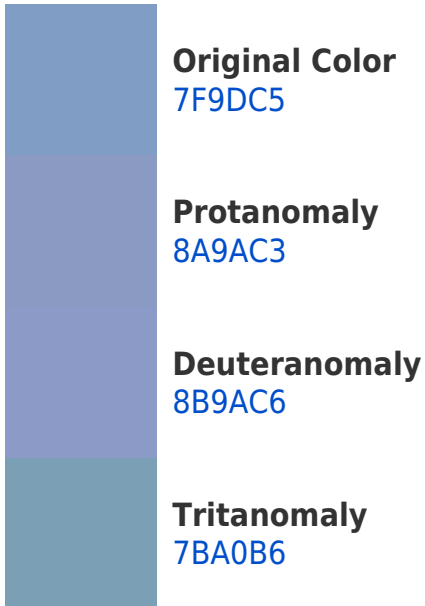
## Dichromacy



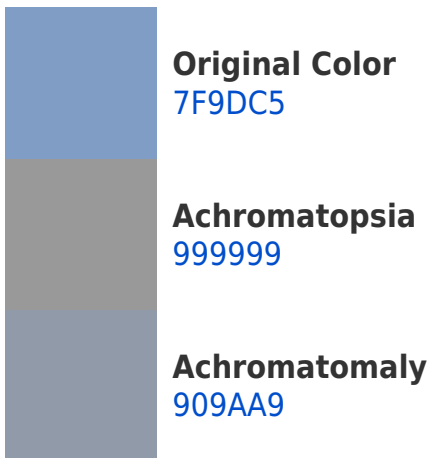


**Tritanopia**  
79A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F9DC5 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 #7F9DC5 looks like.

```
.text, #text, p{  
    color:#7F9DC5  
}
```

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 #7F9DC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F9DC5
}
```

## Border

The CSS property to change the border of an element to Hex 7F9DC5 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
#7F9DC5 }
```

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

```
.border{ border-color:#7F9DC5 }
```

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

Here you see how a box with a 4 pixel #7F9DC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F9DC5; -webkit-box-shadow:4px 4px  
4px 4px #7F9DC5; box-shadow:4px 4px 4px  
4px #7F9DC5 }
```

# Background

The CSS property to change the background color of an element to Hex 7F9DC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F9DC5 }
```

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

```
.background{ background-color:#7F9DC5 }
```

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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