

# Converting Colors

Hex(6987E1)

Have a look what the booklet for  
Hex(6987E1) contains.

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# **Color**

**Hex(6987E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6987E1
RGB	105, 135, 225
RGB Percent	41%, 53%, 88%
CMY	0.5882, 0.4706, 0.1176
CMYK	0.53, 0.40, 0.00, 0.12
HSL	225°, 67%, 65%
HSV	225°, 53%, 88%
XYZ	28.0803, 25.7674, 74.7278
YIQ	136.2900, -46.7700, 21.6300

# Conversions

## Conversions Part 2

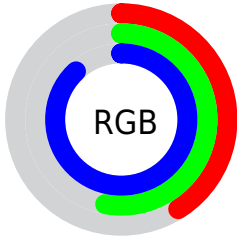
Format	Color
<a href="#">RYB</a>	105, 129, 225
Decimal	6916065
CIELab	57.82, 14.84, -49.15
CIElCh	58, 51.339, 286.801
Yxy	25.7674, 0.2184, 0.2004
Android (android.graphics.Color)	4285106145 (0xFF6987E1)
YUV	136.2900, 43.7340, -27.4413
Hunter-Lab	50.7616, 9.9096, -51.7495

# Details

The Hex color **6987E1** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E1C369**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **A3BCFF**, and **2A56A9** is the 20% darker color. If you saturate the color by 10%, you get **5376E1**, and if you desaturate by 10%, it is **7F98E1**.

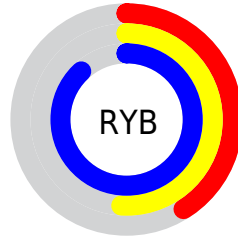
# Distribution



Red (41%)

Green (53%)

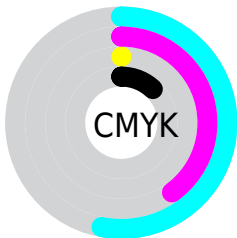
Blue (88%)



Red (41%)

Yellow (51%)

Blue (88%)

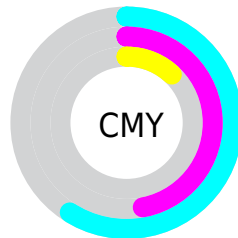


Cyan (53%)

Magenta (40%)

Yellow (0%)

Black (12%)



Cyan (59%)

Magenta (47%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6987E1 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 6987E1 by changing the saturation by 10% instead.



 6987E1

 6987E1

FFFFFF

 4B6EC5

 A3BCFF

 2A56A9

 C0D8FF

 003F8E

 DEF4FF

 002A74

 FBFFFF

 00175B

 000343

 00032C

 000116

 000000

■ 6987E1

■ 6987E1

■ 5376E1

■ 7F98E1

■ 3C65E1

■ 96A9E1

■ 2554E1

■ ACBAE1

■ 0F43E1

■ C3CBE1

■ 0038E1

■ DADBE1

■ F0ECE1

■ FFFDE1

■ FFFFE1

# Harmonies

## Analogous

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



0096E2



6987E1



AE75C9

# Triad

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



6987E1



D2704B



00A075

# Complementary

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



6987E1



E1C369

# 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.



579A4A



6987E1



B48230

# Square

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



6987E1



DE6473



8B902E



00A1A3

# Rectangle

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



6987E1



CA69AF



8B902E



1B9E66



# Sweetspot

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



6987E1



D6E0FF



69E1C3



676D80



000000



808080



# Same Dimension

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



6987E1



5C85FF



8769E1



656870



002CB0



000C30



# Inverse Universe

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



E16987



FF5C85



C3E169



706568



B0002C

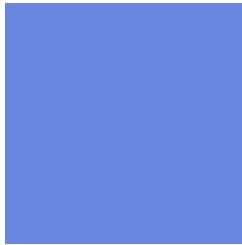


30000C



# Previews

## White Background



This preview shows how the Hex color 6987E1 looks on a white background.

## Color Contrast Check

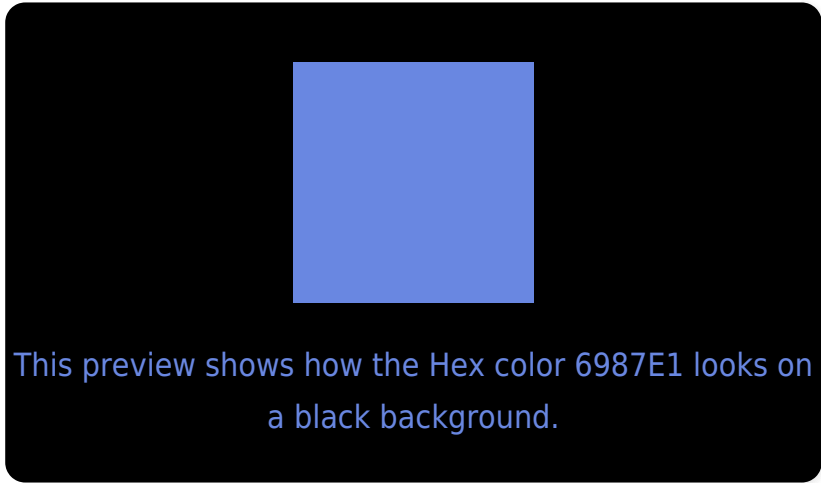
Large Text (above 18pt) WCAG AA ✓ Pass

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

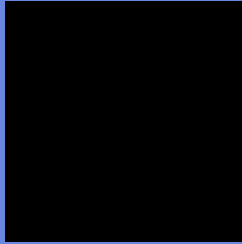
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6987E1 Background



This preview shows how black text looks on a background with the Hex color 6987E1.



This preview shows how white text looks on a background with the Hex color 6987E1.

# 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](#).

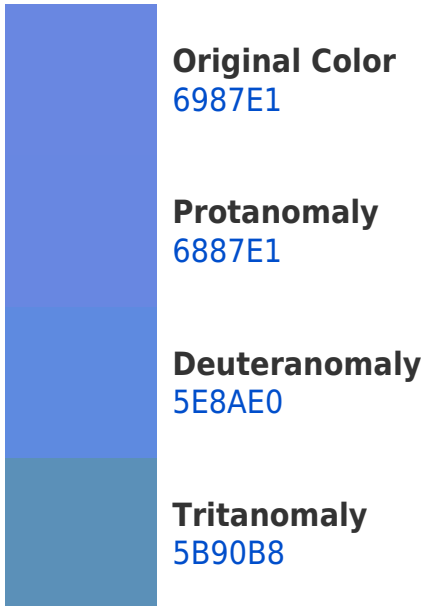
## Dichromacy



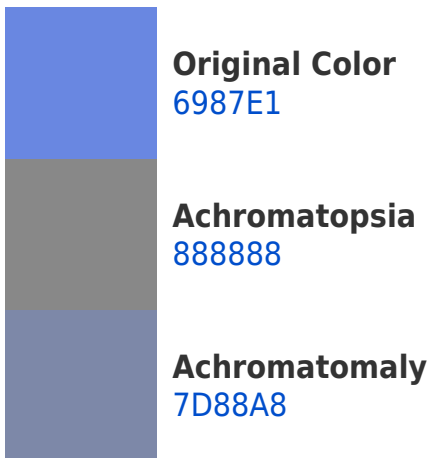


**Tritanopia**  
5395A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6987E1 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 #6987E1 looks like.

```
.text, #text, p{  
    color:#6987E1  
}
```

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 #6987E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6987E1
}
```

## Border

The CSS property to change the border of an element to Hex 6987E1 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
#6987E1 }
```

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

```
.border{ border-color:#6987E1 }
```

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

Here you see how a box with a 4 pixel #6987E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6987E1; -webkit-box-shadow:4px 4px  
4px 4px #6987E1; box-shadow:4px 4px 4px  
4px #6987E1 }
```

# Background

The CSS property to change the background color of an element to Hex 6987E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6987E1 }
```

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

```
.background{ background-color:#6987E1 }
```

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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