

# Converting Colors

Hex(6E9CC9)

Have a look what the booklet for  
Hex(6E9CC9) contains.

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# **Color**

**Hex(6E9CC9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E9CC9
RGB	110, 156, 201
RGB Percent	43%, 61%, 79%
CMY	0.5686, 0.3882, 0.2118
CMYK	0.45, 0.22, 0.00, 0.21
HSL	210°, 46%, 61%
HSV	210°, 45%, 79%
XYZ	28.8615, 31.3090, 59.7804
YIQ	147.3760, -41.8610, 4.2430

# Conversions

## Conversions Part 2

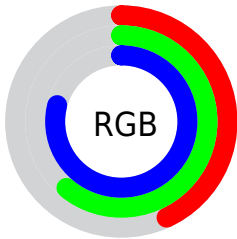
Format	Color
R <sub>Y</sub> B	110, 141, 201
Decimal	7249097
CIE Lab	62.77, -3.45, -27.96
CIE LCh	63, 28.173, 262.976
Yxy	31.3090, 0.2406, 0.2610
Android (android.graphics.Color)	4285439177 (0xFF6E9CC9)
YUV	147.3760, 26.4366, -32.7788
Hunter-Lab	55.9544, -5.8493, -24.1760

# Details

The Hex color **6E9CC9** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C99B6E**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **A5D2FF**, and **376993** is the 20% darker color. If you saturate the color by 10%, you get **5A92C9**, and if you desaturate by 10%, it is **82A6C9**.

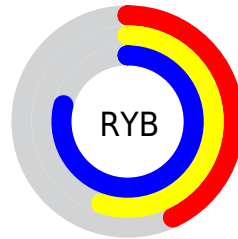
# Distribution



Red (43%)

Green (61%)

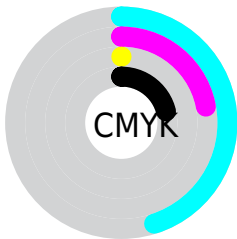
Blue (79%)



Red (43%)

Yellow (55%)

Blue (79%)

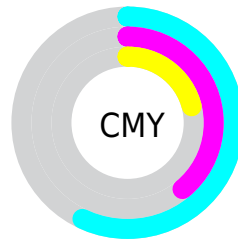


Cyan (45%)

Magenta (22%)

Yellow (0%)

Black (21%)



Cyan (57%)

Magenta (39%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E9CC9 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 6E9CC9 by changing the saturation by 10% instead.



■ 6E9CC9

■ 6E9CC9

FFFFFF

■ 5382AE

■ A5D2FF

■ 376993

■ C2EFFF

■ 165179

■ DFFFFF

■ 003A60

■ FCFFFF

■ 002548

■ 001031

■ 00011C

■ 000000

■ 6E9CC9

■ 6E9CC9

■ 5A92C9

■ 82A6C9

■ 4688C9

■ 96B0C9

■ 327EC9

■ AABAC9

■ 1E74C9

■ BEC4C9

■ 0A6AC9

■ D3CEC9

■ 0066C9

■ E7D8C9

■ FBE2C9

■ FFECC9

■ FFF5C9

# Harmonies

## Analogous

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



4EA2BF



6E9CC9



9393C6

# Triad

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



6E9CC9



CA8686



79A279

# Complementary

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



6E9CC9



C99B6E

# 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.



959C69



6E9CC9



C18C71

# Square

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



6E9CC9



C5869F



AF9466



5CA591

# Rectangle

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



6E9CC9



A98EBD



AF9466



82A073

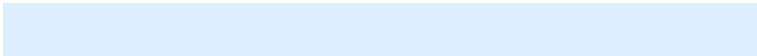


# Sweetspot

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



6E9CC9



DBEDFF



6EC99A



6A7580



000000



808080

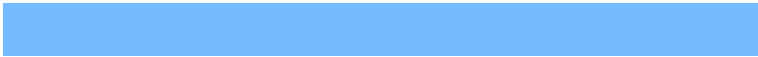


# Same Dimension

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



6E9CC9



75BBFF



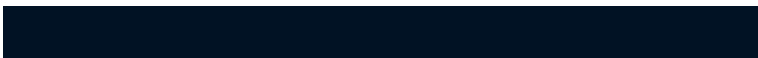
6E70C9



5A5F63



0052A3



001224



# Inverse Universe

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



C96E9C



FF75BB



C9C76E



635A5F



A30052

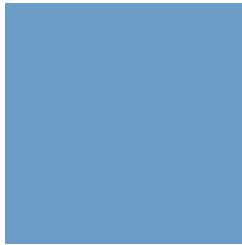


240012



# Previews

## White Background



This preview shows how the Hex color 6E9CC9 looks on a white background.

## Color Contrast Check

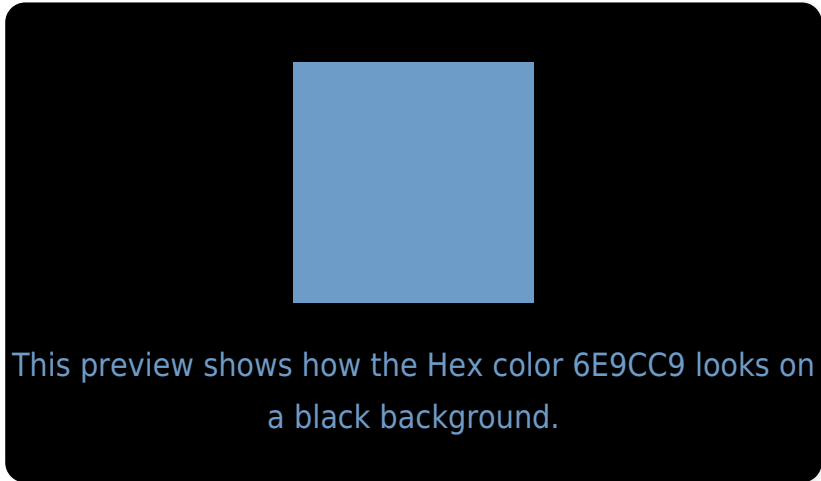
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

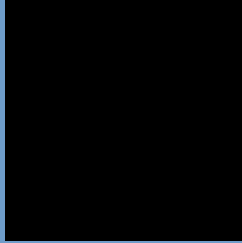
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6E9CC9 Background



This preview shows how black text looks on a background with the Hex color 6E9CC9.

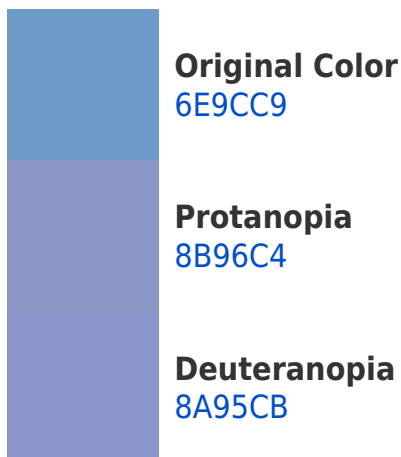


This preview shows how white text looks on a background with the Hex color 6E9CC9.

# 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](#).

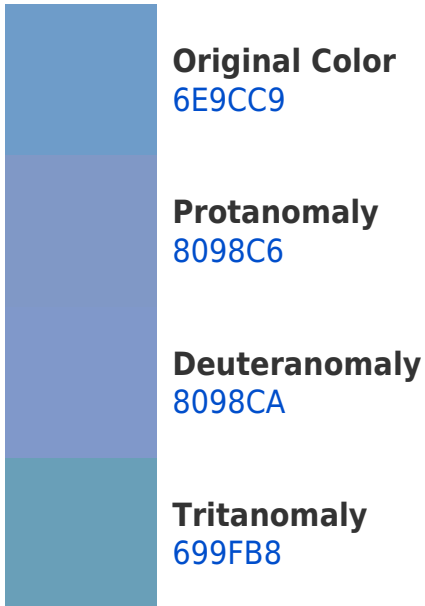
## Dichromacy



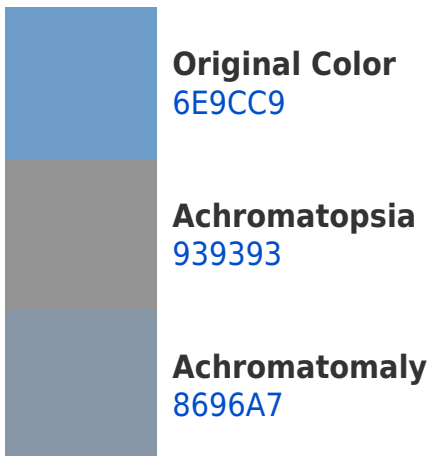


**Tritanopia**  
66A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E9CC9 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 #6E9CC9 looks like.

```
.text, #text, p{  
    color:#6E9CC9  
}
```

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 #6E9CC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E9CC9
}
```

## Border

The CSS property to change the border of an element to Hex 6E9CC9 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
#6E9CC9 }
```

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

```
.border{ border-color:#6E9CC9 }
```

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

Here you see how a box with a 4 pixel #6E9CC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E9CC9; -webkit-box-shadow:4px 4px  
4px 4px #6E9CC9; box-shadow:4px 4px 4px  
4px #6E9CC9 }
```

# Background

The CSS property to change the background color of an element to Hex 6E9CC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E9CC9 }
```

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

```
.background{ background-color:#6E9CC9 }
```

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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