

# Converting Colors

Hex(6789C6)

Have a look what the booklet for  
Hex(6789C6) contains.

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# Color

Hex(6789C6)

# Conversions

## Conversions Part 1

Format	Color
Hex	6789C6
RGB	103, 137, 198
RGB Percent	40%, 54%, 78%
CMY	0.5961, 0.4627, 0.2235
CMYK	0.48, 0.31, 0.00, 0.22
HSL	219°, 45%, 59%
HSV	219°, 48%, 78%
XYZ	24.7322, 24.8521, 56.9195
YIQ	133.7880, -39.8450, 11.7630

# Conversions

## Conversions Part 2

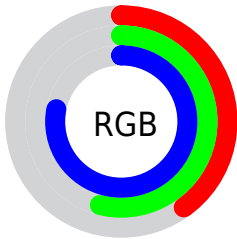
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 128, 198
Decimal	6785478
CIE <sub>Lab</sub>	56.93, 4.85, -35.37
CIE <sub>LCh</sub>	57, 35.701, 277.813
Yxy	24.8521, 0.2322, 0.2333
Android (android.graphics.Color)	4284975558 (0xFF6789C6)
YUV	133.7880, 31.6565, -27.0011
Hunter-Lab	49.8519, 1.3156, -32.7993

# Details

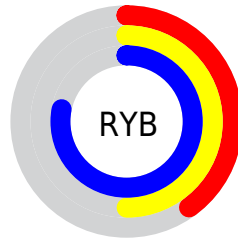
The Hex color **6789C6** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **C6A467**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **9EBEFF**, and **2E5890** is the 20% darker color. If you saturate the color by 10%, you get **537CC6**, and if you desaturate by 10%, it is **7B96C6**.

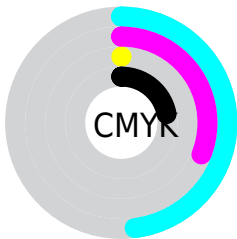
# Distribution



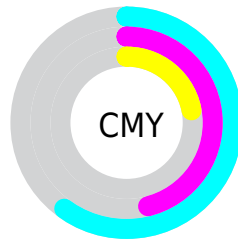
- Red (40%)
- Green (54%)
- Blue (78%)



- Red (40%)
- Yellow (50%)
- Blue (78%)



- Cyan (48%)
- Magenta (31%)
- Yellow (0%)
- Black (22%)



- Cyan (60%)
- Magenta (46%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6789C6 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 6789C6 by changing the saturation by 10% instead.



■ 6789C6

■ 6789C6

FFFFFF

■ 4B70AB

■ 9EBEFF

■ 2E5890

■ BBDAFF

■ 074076

■ D7F6FF

■ 002B5D

■ F5FFFF

■ 001745

■ 00042E

■ 000119

■ 000000

■ 6789C6

■ 6789C6

■ 537CC6

■ 7B96C6

■ 3F70C6

■ 8FA2C6

■ 2C63C6

■ A2AFC6

■ 1856C6

■ B6BCC6

■ 0449C6

■ CAC9C6

■ 0047C6

■ DED5C6

■ F2E2C6

■ FFEFC6

■ FFFBC6

# Harmonies

## Analogous

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



2492C2



6789C6



967DBA

# Triad

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



6789C6



C17564



4B9770

# Complementary

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



6789C6



C6A467

# 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.



739256



6789C6



B07F4F

# Square

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



6789C6



C47082



95894A



069990

# Rectangle

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



6789C6



AD76AA



95894A



599666



# Sweetspot

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



6789C6



DBE8FF



67C6A3



6A7280



000000



808080



# Same Dimension

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



6789C6



6BA0FF



7467C6



5A5D63



003AA3



000D24



# Inverse Universe

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



C66789



FF6BA0



B9C667



635A5D



A3003A

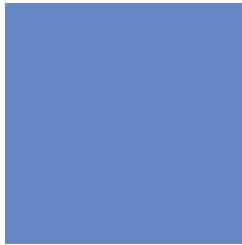


24000D



# Previews

## White Background



This preview shows how the Hex color 6789C6 looks on a white background.

## Color Contrast Check

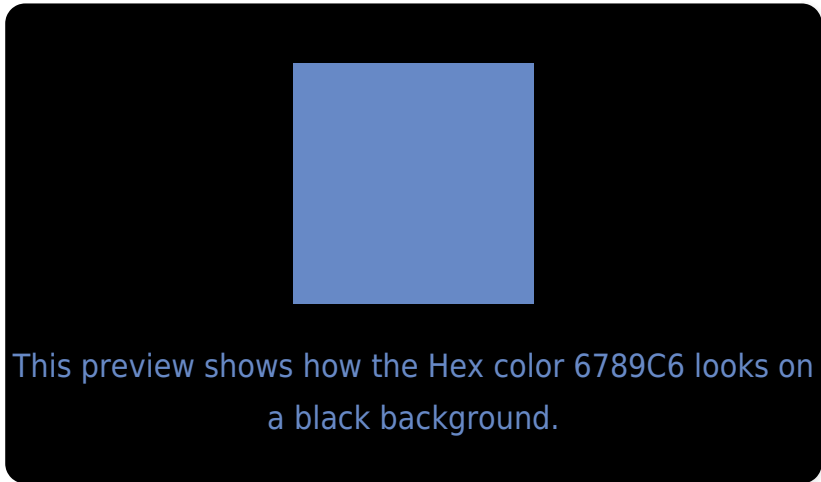
Large Text (above 18pt) WCAG AA ✓ Pass

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

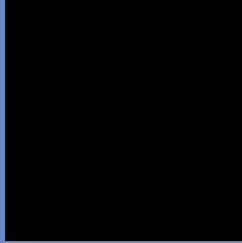
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

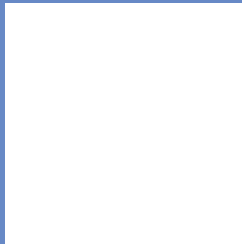
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6789C6 Background



This preview shows how black text looks on a background with the Hex color 6789C6.

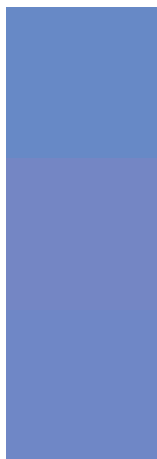


This preview shows how white text looks on a background with the Hex color 6789C6.

# 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](#).

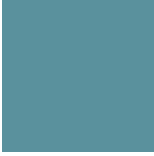
## Dichromacy



**Original Color**  
6789C6

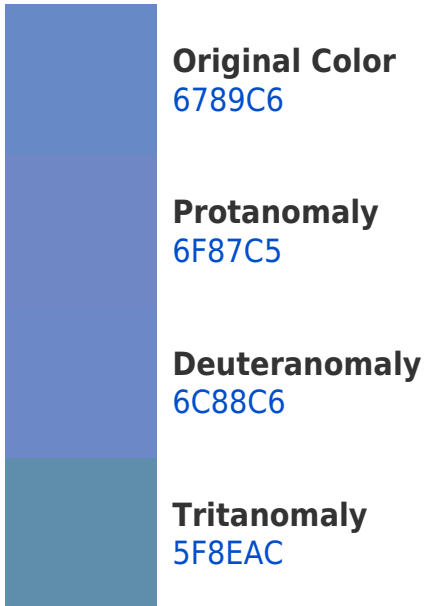
**Protanopia**  
7486C4

**Deuteranopia**  
6F87C6



**Tritanopia**  
5A919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6789C6 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 #6789C6 looks like.

```
.text, #text, p{  
    color:#6789C6  
}
```

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 #6789C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6789C6
}
```

## Border

The CSS property to change the border of an element to Hex 6789C6 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
#6789C6 }
```

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

```
.border{ border-color:#6789C6 }
```

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

Here you see how a box with a 4 pixel #6789C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6789C6; -webkit-box-shadow:4px 4px  
4px 4px #6789C6; box-shadow:4px 4px 4px  
4px #6789C6 }
```

# Background

The CSS property to change the background color of an element to Hex 6789C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6789C6 }
```

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

```
.background{ background-color:#6789C6 }
```

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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