

# Converting Colors

Hex(789BC8)

Have a look what the booklet for  
Hex(789BC8) contains.

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# **Color**

**Hex(789BC8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	789BC8
RGB	120, 155, 200
RGB Percent	47%, 61%, 78%
CMY	0.5294, 0.3922, 0.2157
CMYK	0.40, 0.23, 0.00, 0.22
HSL	214°, 42%, 63%
HSV	214°, 40%, 78%
XYZ	29.8924, 31.6059, 59.1686
YIQ	149.6650, -35.3050, 6.5750

# Conversions

## Conversions Part 2

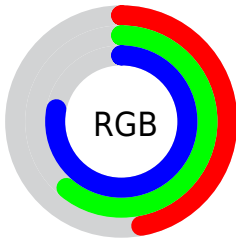
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	120, 144, 200
Decimal	7904200
CIE Lab	63.02, -0.56, -26.97
CIE LCh	63, 26.979, 268.810
Yxy	31.6059, 0.2477, 0.2619
Android (android.graphics.Color)	4286094280 (0xFF789BC8)
YUV	149.6650, 24.8152, -26.0162
Hunter-Lab	56.2191, -3.4728, -23.0472

# Details

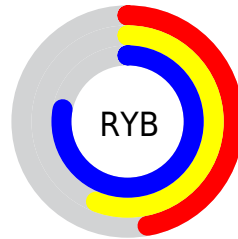
The Hex color **789BC8** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C8A578**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **AFD1FF**, and **436892** is the 20% darker color. If you saturate the color by 10%, you get **6490C8**, and if you desaturate by 10%, it is **8CA6C8**.

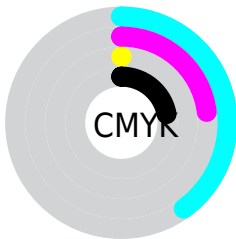
# Distribution



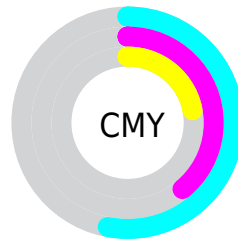
- Red (47%)
- Green (61%)
- Blue (78%)



- Red (47%)
- Yellow (56%)
- Blue (78%)



- Cyan (40%)
- Magenta (23%)
- Yellow (0%)
- Black (22%)



- Cyan (53%)
- Magenta (39%)
- Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 789BC8 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 789BC8 by changing the saturation by 10% instead.



 789BC8

 789BC8

FFFFFF

 5D81AD

 AFD1FF

 436892

 CBEEFF

 275078

 E8FFFF

 02395F

 002447

 000E31

 00011B

 000000

 789BC8

 789BC8

6490C8

8CA6C8

5085C8

A0B2C8

3C79C8

B4BDC8

286EC8

C8C8C8

1463C8

DCD3C8

0058C8

F0DFC8

FFEAC8

FFF5C8

FFFFC8

# Harmonies

## Analogous

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



58A2C1



789BC8



9B93C2

# Triad

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



789BC8



C88883



75A37F

# Complementary

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



789BC8



C8A578

# 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.



919E6E



789BC8



BE8F70

# Square

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



789BC8



C6879A



AA9769



5BA697

# Rectangle

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



789BC8



AE8DB8



AA9769



7FA278

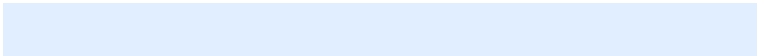


# Sweetspot

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



789BC8



E0EEFF



78C8A4



6E7580



000000



808080

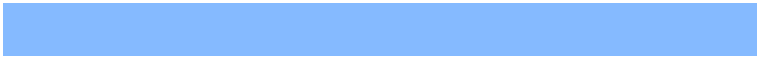


# Same Dimension

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



789BC8



85BAFF



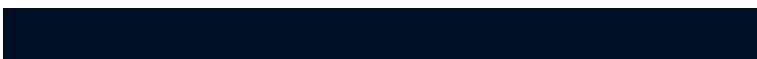
7C78C8



5A5E63



0047A3



001024



# Inverse Universe

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



C8789B



FF85BA



C4C878



635A5E



A30047

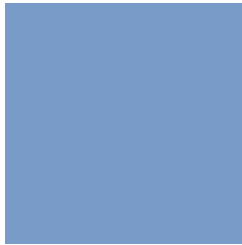


240010



# Previews

## White Background



This preview shows how the Hex color 789BC8 looks on a white background.

## Color Contrast Check

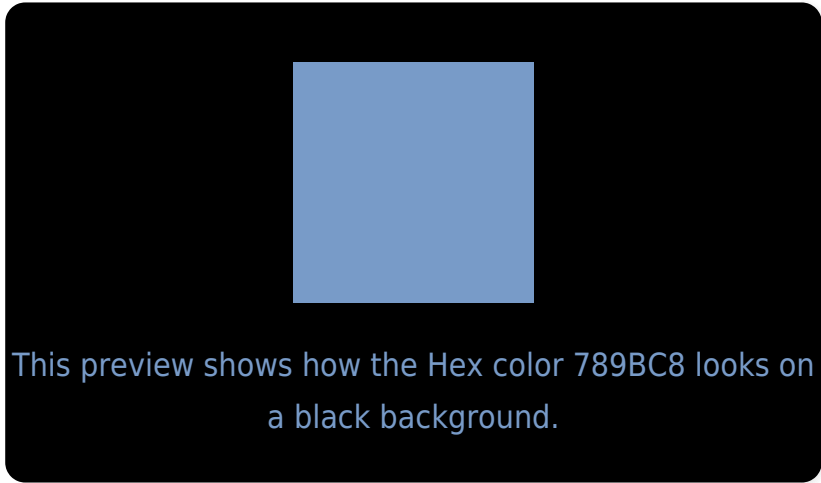
Large Text (above 18pt) WCAG AA × Fail

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

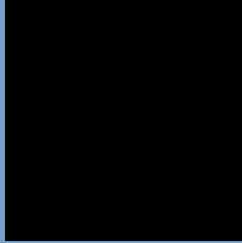
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

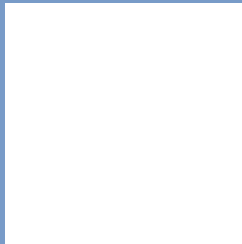
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 789BC8 Background



This preview shows how black text looks on a background with the Hex color 789BC8.

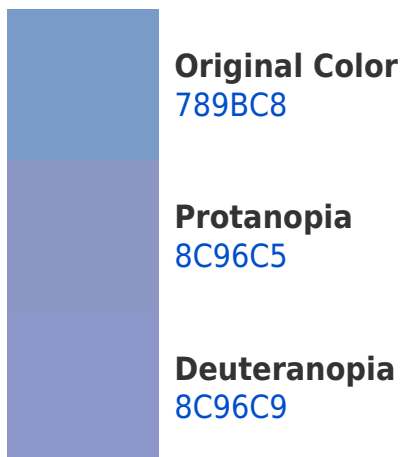


This preview shows how white text looks on a background with the Hex color 789BC8.

# Color Blindness Simulation

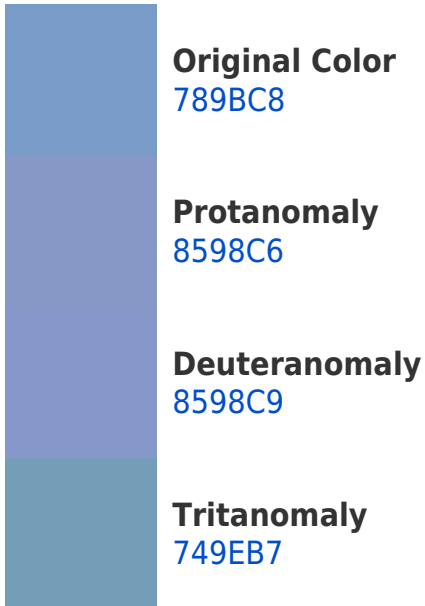
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 789BC8 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 #789BC8 looks like.

```
.text, #text, p{  
    color:#789BC8  
}
```

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 #789BC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #789BC8  
}
```

## Border

The CSS property to change the border of an element to Hex 789BC8 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  
#789BC8 }
```

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

```
.border{ border-color:#789BC8 }
```

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

Here you see how a box with a 4 pixel #789BC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #789BC8; -webkit-box-shadow:4px 4px  
4px 4px #789BC8; box-shadow:4px 4px 4px  
4px #789BC8 }
```

# Background

The CSS property to change the background color of an element to Hex 789BC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#789BC8 }
```

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

```
.background{ background-color:#789BC8 }
```

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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