

Converting Colors

Hex(789CB5)

Have a look what the booklet for
Hex(789CB5) contains.

Hex(789CB5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(789CB5)

Conversions

Conversions Part 1

Format	Color
Hex	789CB5
RGB	120, 156, 181
RGB Percent	47%, 61%, 71%
CMY	0.5294, 0.3882, 0.2902
CMYK	0.34, 0.14, 0.00, 0.29
HSL	205°, 29%, 59%
HSV	205°, 34%, 71%
XYZ	27.9747, 31.1062, 48.2457
YIQ	148.0860, -29.4810, 0.1430

Conversions

Conversions Part 2

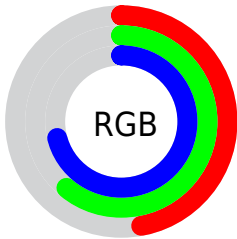
Format	Color
R _Y B	120, 143, 181
Decimal	7904437
CIE Lab	62.60, -6.19, -16.96
CIE LCh	63, 18.055, 249.955
Yxy	31.1062, 0.2607, 0.2898
Android (android.graphics.Color)	4286094517 (0xFF789CB5)
YUV	148.0860, 16.2266, -24.6314
Hunter-Lab	55.7729, -8.0703, -12.2471

Details

The Hex color **789CB5** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **B59178**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **AED2ED**, and **456980** is the 20% darker color. If you saturate the color by 10%, you get **6695B5**, and if you desaturate by 10%, it is **8AA3B5**.

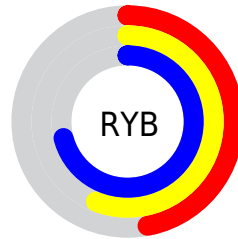
Distribution



Red (47%)

Green (61%)

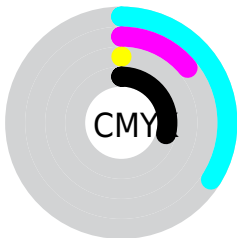
Blue (71%)



Red (47%)

Yellow (56%)

Blue (71%)

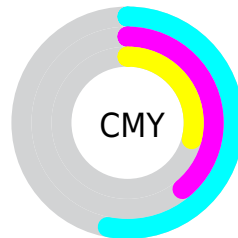


Cyan (34%)

Magenta (14%)

Yellow (0%)

Black (29%)



Cyan (53%)

Magenta (39%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 789CB5 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 789CB5 by changing the saturation by 10% instead.

■ 789CB5

■ 789CB5

FFFFFF

■ 5E829A

■ AED2ED

■ 456980

■ CAEFFF

■ 2B5167

■ E6FFFF

■ 103A4F

■ 002438

■ 000F23

■ 00000A

■ 000000

■ 789CB5

■ 789CB5

■ 6695B5

■ 8AA3B5

■ 548DB5

■ 9CABB5

■ 4286B5

■ AEB2B5

■ 307EB5

■ C0BAB5

■ 1D77B5

■ D3C1B5

■ 0B6FB5

■ E5C9B5

■ 006BB5

■ F7D0B5

■ FFD7B5

■ FFDFB5

Harmonies

Analogous

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



6C9FAB



789CB5



8C97B7

Triad

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



789CB5



B88C92



8C9D7F

Complementary

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



789CB5



B59178

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.



9E9878



789CB5



B78E84

Square

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



789CB5



B18DA3



AD937A



7AA08C

Rectangle

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



789CB5



9A93B3



AD937A



929B7B

Sweetspot

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



789CB5



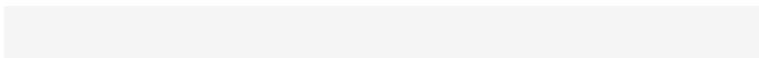
D3E1EB



78B590



677075



F5F5F5



757575

Same Dimension

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



789CB5



8DC4EB



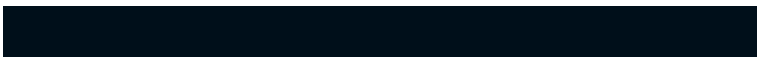
787EB5



505659



005A99



000F1A

Inverse Universe

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



B5789C



EB8DC4



B5AF78



595056



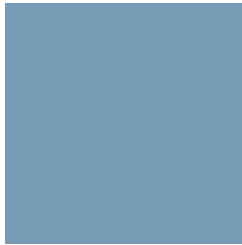
99005A



1A000F

Previews

White Background



This preview shows how the Hex color 789CB5 looks on a white background.

Color Contrast Check

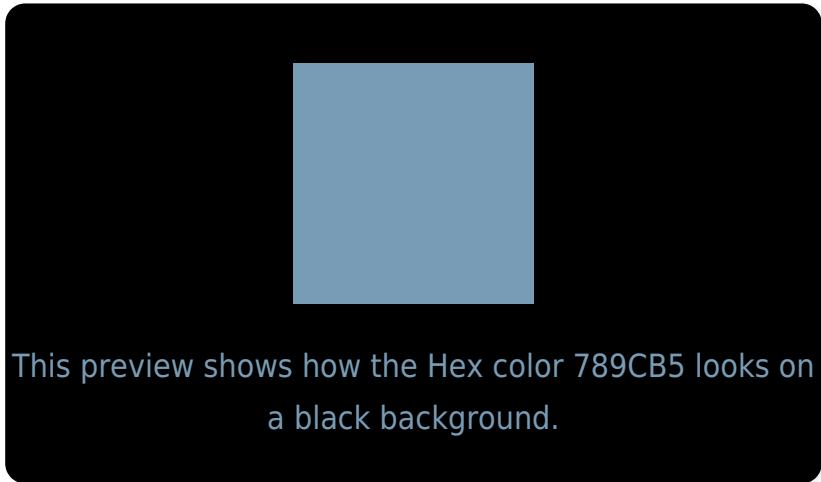
Large Text (above 18pt) WCAG AA × Fail

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

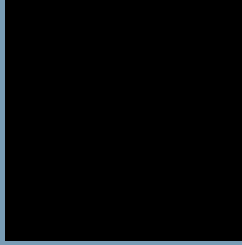
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

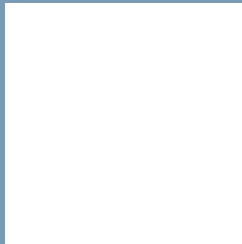
Any Text WCAG AAA ✓ Pass

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

Hex 789CB5 Background



This preview shows how black text looks on a background with the Hex color 789CB5.



This preview shows how white text looks on a background with the Hex color 789CB5.

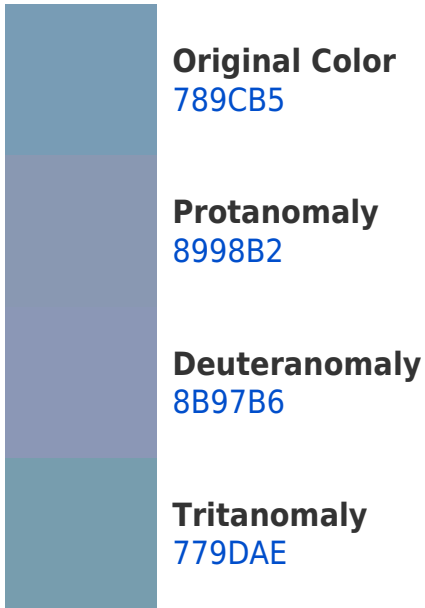
Color Blindness Simulation

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](#).

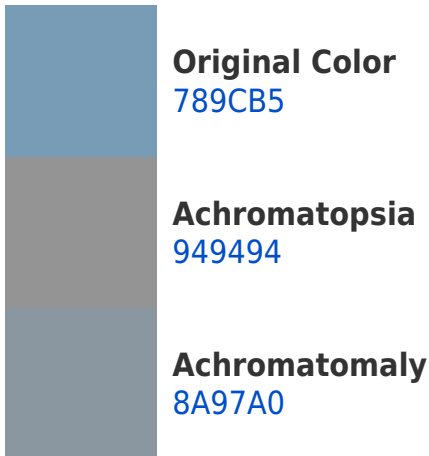
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 789CB5 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 #789CB5 looks like.

```
.text, #text, p{  
    color:#789CB5  
}
```

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 #789CB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #789CB5
}
```

Border

The CSS property to change the border of an element to Hex 789CB5 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
#789CB5 }
```

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

```
.border{ border-color:#789CB5 }
```

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

Here you see how a box with a 4 pixel #789CB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #789CB5; -webkit-box-shadow:4px 4px  
4px 4px #789CB5; box-shadow:4px 4px 4px  
4px #789CB5 }
```

Background

The CSS property to change the background color of an element to Hex 789CB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#789CB5 }
```

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

```
.background{ background-color:#789CB5 }
```

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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