

# Converting Colors

Hex(4C8DBE)

Have a look what the booklet for  
Hex(4C8DBE) contains.

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# Color

**Hex(4C8DBE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C8DBE
RGB	76, 141, 190
RGB Percent	30%, 55%, 75%
CMY	0.7020, 0.4471, 0.2549
CMYK	0.60, 0.26, 0.00, 0.25
HSL	206°, 47%, 52%
HSV	206°, 60%, 75%
XYZ	21.7996, 24.3040, 52.2574
YIQ	127.1510, -54.4690, 1.4590

# Conversions

## Conversions Part 2

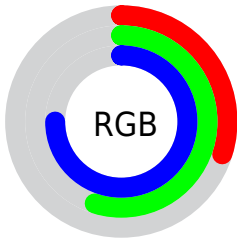
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 117, 190
Decimal	5017022
CIE <sub>Lab</sub>	56.39, -5.97, -31.78
CIE <sub>LCh</sub>	56, 32.332, 259.361
Yxy	24.3040, 0.2216, 0.2471
Android (android.graphics.Color)	4283207102 (0xFF4C8DBE)
YUV	127.1510, 30.9846, -44.8594
Hunter-Lab	49.2990, -7.3421, -28.3385

# Details

The Hex color **4C8DBE** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BE7D4C**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **86C2F7**, and **005B88** is the 20% darker color. If you saturate the color by 10%, you get **3985BE**, and if you desaturate by 10%, it is **5F95BE**.

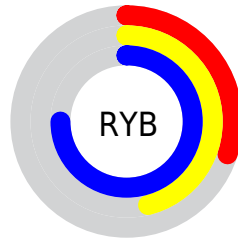
# Distribution



Red (30%)

Green (55%)

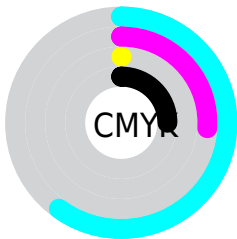
Blue (75%)



Red (30%)

Yellow (46%)

Blue (75%)

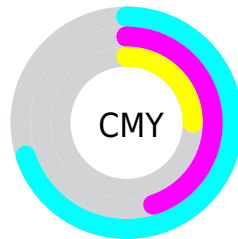


Cyan (60%)

Magenta (26%)

Yellow (0%)

Black (25%)



Cyan (70%)

Magenta (45%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C8DBE 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 4C8DBE by changing the saturation by 10% instead.



■ 4C8DBE

■ 4C8DBE

FFFFFF

■ 2C74A3

■ 86C2F7

■ 005B88

■ A2DEFF

■ 00446F

■ BFFBFF

■ 002E56

■ DDFFFF

■ 001A3F

■ FAFFFF

■ 000328

■ 000112

■ 000000

■ 4C8DBE

■ 4C8DBE

■ 3985BE

■ 5F95BE

■ 267DBE

■ 729DBE

■ 1374BE

■ 85A5BE

■ 006CBE

■ 98AEBE

■ ABB6BE

■ BEBEBE

■ D1C6BE

■ E4CEBE

■ F7D7BE

# Harmonies

## Analogous

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



1593B1



4C8DBE



7C84BC

# Triad

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



4C8DBE



BE7276



679262

# Complementary

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



4C8DBE



BE7D4C

# 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.



878B51



4C8DBE



B6785E

# Square

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



4C8DBE



B77292



A38250



42967C

# Rectangle

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



4C8DBE



967DB3



A38250



72905B



# Sweetspot

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



4C8DBE



CBE4F7



4CBE7C



61717D



FCFCFC



7D7D7D



# Same Dimension

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



4C8DBE



45ABF7



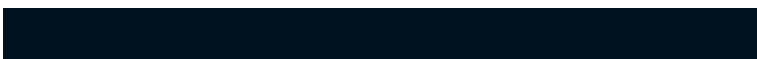
4C55BE



555A5E



005A9E



00111F



# Inverse Universe

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



BE4C8D



F745AB



BEB54C



5E555A



9E005A

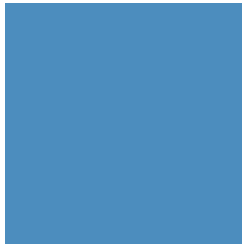


1F0011



# Previews

## White Background



This preview shows how the Hex color 4C8DBE looks on a white background.

## Color Contrast Check

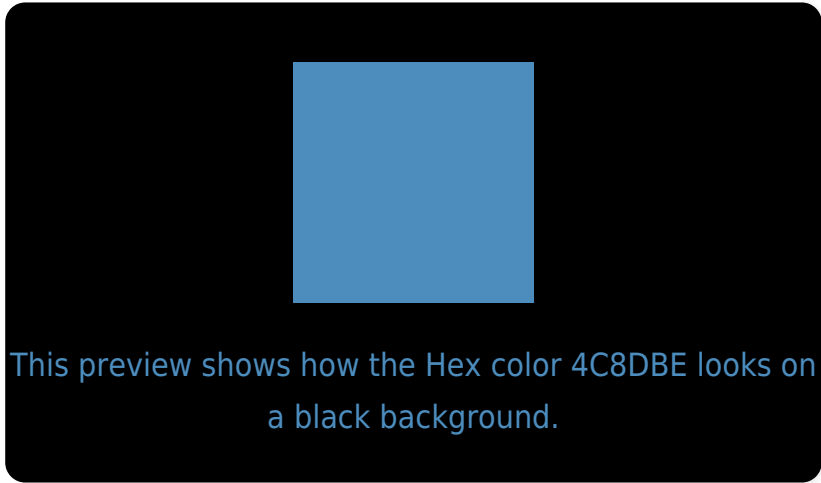
Large Text (above 18pt) WCAG AA ✓ Pass

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

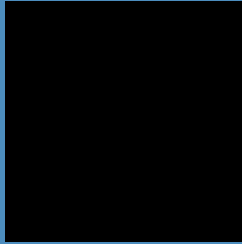
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4C8DBE Background



This preview shows how black text looks on a background with the Hex color 4C8DBE.



This preview shows how white text looks on a background with the Hex color 4C8DBE.

# 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](#).

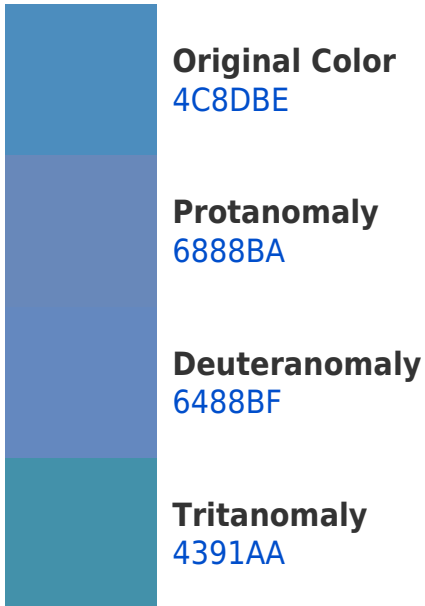
## Dichromacy



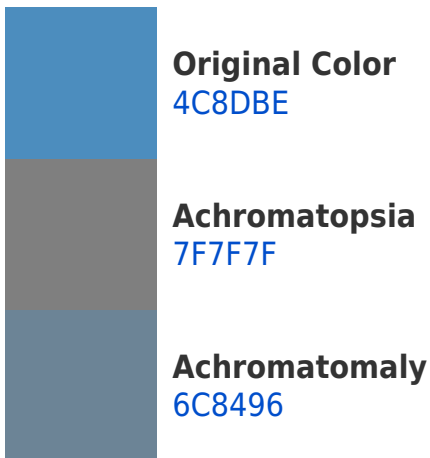


**Tritanopia**  
3E939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C8DBE 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 #4C8DBE looks like.

```
.text, #text, p{  
    color:#4C8DBE  
}
```

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 #4C8DBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C8DBE
}
```

## Border

The CSS property to change the border of an element to Hex 4C8DBE 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
#4C8DBE }
```

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

```
.border{ border-color:#4C8DBE }
```

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

Here you see how a box with a 4 pixel #4C8DBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C8DBE; -webkit-box-shadow:4px 4px  
4px 4px #4C8DBE; box-shadow:4px 4px 4px  
4px #4C8DBE }
```

# Background

The CSS property to change the background color of an element to Hex 4C8DBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C8DBE }
```

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

```
.background{ background-color:#4C8DBE }
```

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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