

Converting Colors

Hex(4C8093)

Have a look what the booklet for
Hex(4C8093) contains.

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Color

Hex(4C8093)

Conversions

Conversions Part 1

Format	Color
Hex	4C8093
RGB	76, 128, 147
RGB Percent	30%, 50%, 58%
CMY	0.7020, 0.4980, 0.4235
CMYK	0.48, 0.13, 0.00, 0.42
HSL	196°, 32%, 44%
HSV	196°, 48%, 58%
XYZ	15.9661, 19.0814, 30.4453
YIQ	114.6180, -37.0910, -5.1150

Conversions

Conversions Part 2

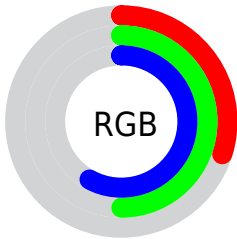
Format	Color
RYB	76, 106, 147
Decimal	5013651
CIELab	50.78, -11.97, -15.64
CIElCh	51, 19.697, 232.567
Yxy	19.0814, 0.2438, 0.2914
Android (android.graphics.Color)	4283203731 (0xFF4C8093)
YUV	114.6180, 15.9643, -33.8680
Hunter-Lab	43.6823, -11.2013, -10.7459

Details

The Hex color **4C8093** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **935F4C**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **81B5C9**, and **134F60** is the 20% darker color. If you saturate the color by 10%, you get **3D7C93**, and if you desaturate by 10%, it is **5B8493**.

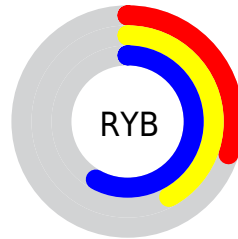
Distribution



Red (30%)

Green (50%)

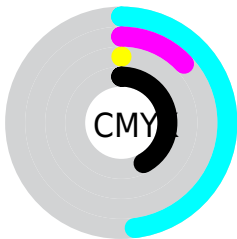
Blue (58%)



Red (30%)

Yellow (42%)

Blue (58%)

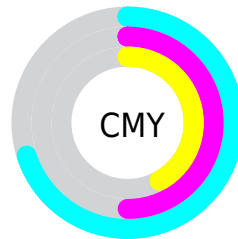


Cyan (48%)

Magenta (13%)

Yellow (0%)

Black (42%)



Cyan (70%)

Magenta (50%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C8093 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 4C8093 by changing the saturation by 10% instead.

■ 4C8093

■ 4C8093

FFFFFF

■ 316779

■ 81B5C9

■ 134F60

■ 9CD0E5

■ 003849

■ B8EDFF

■ 002232

■ D5FFFF

■ 00071D

■ F1FFFF

■ 000000

■ 4C8093

■ 4C8093

■ 3D7C93

■ 5B8493

■ 2F7893

■ 698893

■ 207493

■ 788C93

■ 117093

■ 879093

■ 036C93

■ 969493

■ 006C93

■ A49893

■ B39C93

■ C29F93

■ D0A393

Harmonies

Analogous

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



488285



4C8093



5E7C9A

Triad

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



4C8093



976D7E



787C5A

Complementary

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



4C8093



935F4C

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.



897658



4C8093



9B6D6D

Square

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



4C8093



8A718D



96715F



658064

Rectangle

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



4C8093



6E7899



96715F



7E7A58

Sweetspot

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



4C8093



A4B8BF



4C935F



505C61



E0E0E0



616161

Same Dimension

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



4C8093



50A2BF



4C5D93



43484A



00658A



00070A

Inverse Universe

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



934C80



BF50A2



93824C



4A4348



8A0065



0A0007

Previews

White Background



This preview shows how the Hex color 4C8093 looks on a white background.

Color Contrast Check

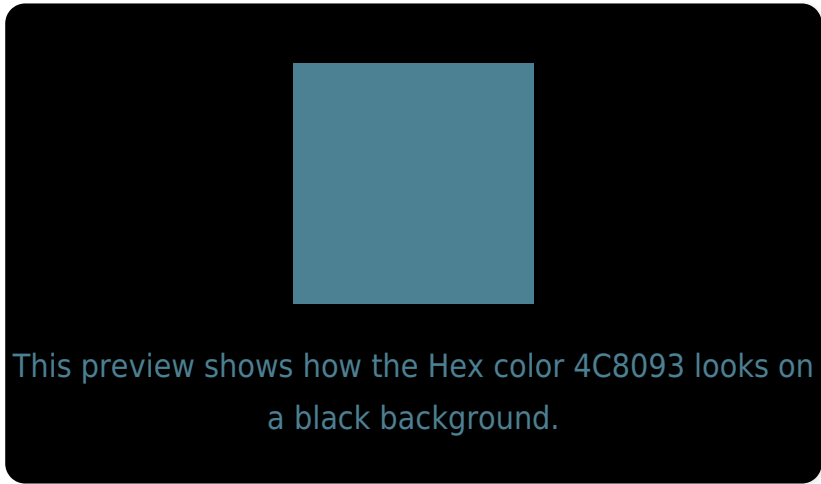
Large Text (above 18pt) WCAG AA ✓ Pass

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

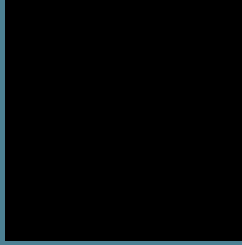
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

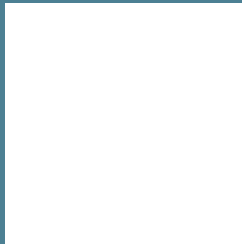
Any Text WCAG AAA × Fail

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

Hex 4C8093 Background



This preview shows how black text looks on a background with the Hex color 4C8093.

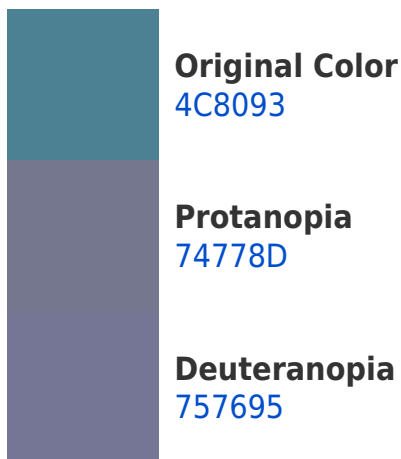



This preview shows how white text looks on a background with the Hex color 4C8093.

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
4A818C

Trichromacy



Original Color
4C8093

Protanomaly
657A8F

Deuteranomaly
667A94

Tritanomaly
4B818F

Monochromacy



Original Color
4C8093

Achromatopsia
737373

Achromatomaly
65787F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C8093 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 #4C8093 looks like.

```
.text, #text, p{  
    color:#4C8093  
}
```

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 #4C8093 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C8093
}
```

Border

The CSS property to change the border of an element to Hex 4C8093 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
#4C8093 }
```

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

```
.border{ border-color:#4C8093 }
```

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

Here you see how a box with a 4 pixel #4C8093 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C8093; -webkit-box-shadow:4px 4px  
4px 4px #4C8093; box-shadow:4px 4px 4px  
4px #4C8093 }
```

Background

The CSS property to change the background color of an element to Hex 4C8093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C8093 }
```

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

```
.background{ background-color:#4C8093 }
```

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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