

Converting Colors

Hex(4C8F93)

Have a look what the booklet for
Hex(4C8F93) contains.

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Color

Hex(4C8F93)

Conversions

Conversions Part 1

Format	Color
Hex	4C8F93
RGB	76, 143, 147
RGB Percent	30%, 56%, 58%
CMY	0.7020, 0.4392, 0.4235
CMYK	0.48, 0.03, 0.00, 0.42
HSL	183°, 32%, 44%
HSV	183°, 48%, 58%
XYZ	18.0694, 23.2880, 31.1464
YIQ	123.4230, -41.2160, -12.9600

Conversions

Conversions Part 2

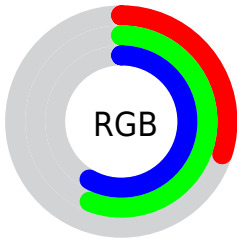
Format	Color
RYB	76, 110, 147
Decimal	5017491
CIELab	55.37, -20.12, -8.73
CIELCh	55, 21.932, 203.459
Yxy	23.2880, 0.2492, 0.3212
Android (android.graphics.Color)	4283207571 (0xFF4C8F93)
YUV	123.4230, 11.6235, -41.5900
Hunter-Lab	48.2576, -17.6140, -4.4866

Details

The Hex color **4C8F93** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **93504C**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **82C5C9**, and **105C60** is the 20% darker color. If you saturate the color by 10%, you get **3D8E93**, and if you desaturate by 10%, it is **5B9093**.

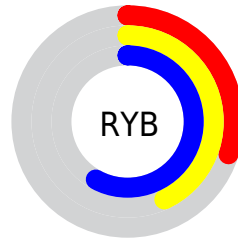
Distribution



Red (30%)

Green (56%)

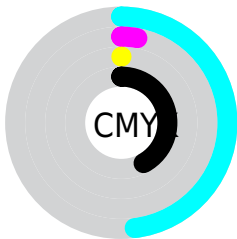
Blue (58%)



Red (30%)

Yellow (43%)

Blue (58%)

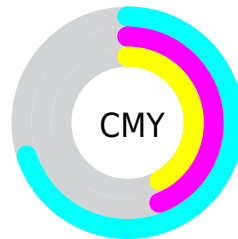


Cyan (48%)

Magenta (3%)

Yellow (0%)

Black (42%)



Cyan (70%)

Magenta (44%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C8F93 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 4C8F93 by changing the saturation by 10% instead.



4C8F93



4C8F93

FFFFFF



307579



82C5C9



105C60



9DE1E5



004549



B9FEFF



002E32



D6FFFF



001B1D



F3FFFF



000002



000000



4C8F93



4C8F93



3D8E93



5B9093

■ 2F8D93

■ 699193

■ 208D93

■ 789193

■ 118C93

■ 879293

■ 038B93

■ 969393

■ 008B93

■ A49493

■ B39593

■ C29693

■ D09693

Harmonies

Analogous

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



588F80



4C8F93



518CA2

Triad

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



4C8F93



997B9B



96825F

Complementary

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



4C8F93



93504C

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.



A57C67



4C8F93



A7778A

Square

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



4C8F93



8281A7



AB7776



838861

Rectangle

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



4C8F93



5F89A9



AB7776



9C8061

Sweetspot

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



4C8F93



A4BEBF



4C9350



506061



E0E0E0



616161

Same Dimension

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



4C8F93



50B9BF



4C6C93



434A4A



00828A



000A0A

Inverse Universe

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



934C8F



BF50B9



93734C



4A434A



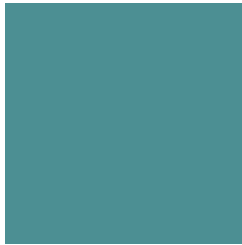
8A0082



0A000A

Previews

White Background



This preview shows how the Hex color 4C8F93 looks on a white background.

Color Contrast Check

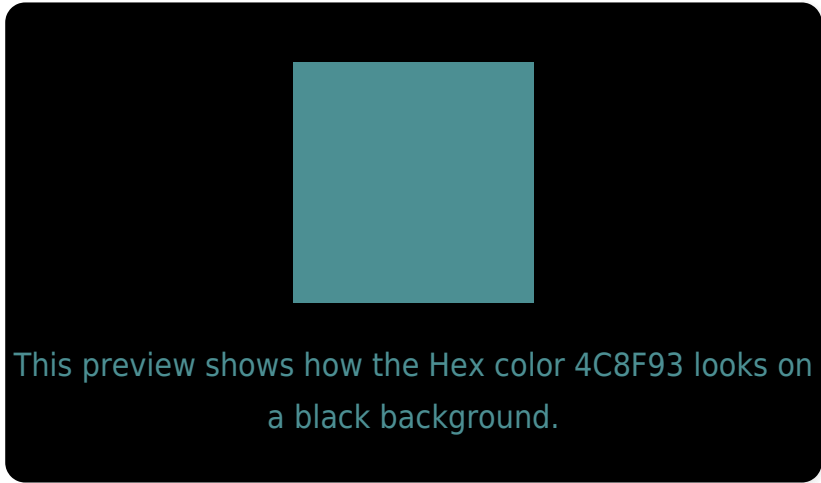
Large Text (above 18pt) WCAG AA ✓ Pass

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

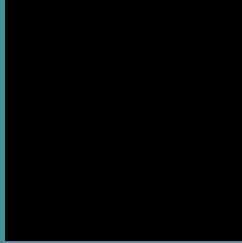
Any Text WCAG AA ✓ Pass

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 4C8F93 Background



This preview shows how black text looks on a background with the Hex color 4C8F93.

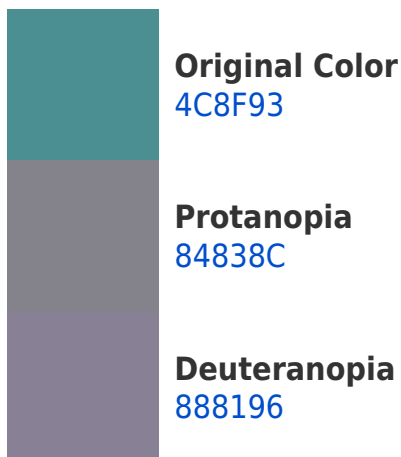


This preview shows how white text looks on a background with the Hex color 4C8F93.

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
4E8E99

Trichromacy



Original Color
4C8F93

Protanomaly
70878F

Deuteranomaly
728695

Tritanomaly
4D8E97

Monochromacy



Original Color
4C8F93

Achromatopsia
7B7B7B

Achromatomaly
6A8284

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C8F93 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 #4C8F93 looks like.

```
.text, #text, p{  
    color:#4C8F93  
}
```

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 #4C8F93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C8F93  
}
```

Border

The CSS property to change the border of an element to Hex 4C8F93 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  
#4C8F93 }
```

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

```
.border{ border-color:#4C8F93 }
```

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

Here you see how a box with a 4 pixel #4C8F93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C8F93; -webkit-box-shadow:4px 4px  
4px 4px #4C8F93; box-shadow:4px 4px 4px  
4px #4C8F93 }
```

Background

The CSS property to change the background color of an element to Hex 4C8F93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C8F93 }
```

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

```
.background{ background-color:#4C8F93 }
```

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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