

Converting Colors

Hex(4C7B91)

Have a look what the booklet for
Hex(4C7B91) contains.

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Color

Hex(4C7B91)

Conversions

Conversions Part 1

Format	Color
Hex	4C7B91
RGB	76, 123, 145
RGB Percent	30%, 48%, 57%
CMY	0.7020, 0.5176, 0.4314
CMYK	0.48, 0.15, 0.00, 0.43
HSL	199°, 31%, 43%
HSV	199°, 48%, 57%
XYZ	15.1743, 17.7468, 29.4138
YIQ	111.4550, -35.0740, -3.1220

Conversions

Conversions Part 2

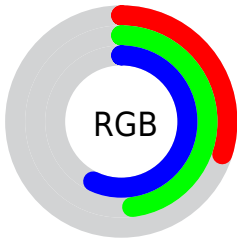
Format	Color
R_{YB}	76, 104, 145
Decimal	5012369
CIE _{Lab}	49.19, -9.74, -16.90
CIE _{LCh}	49, 19.501, 240.047
Yxy	17.7468, 0.2434, 0.2847
Android (android.graphics.Color)	4283202449 (0xFF4C7B91)
YUV	111.4550, 16.5377, -31.0940
Hunter-Lab	42.1269, -9.4256, -11.9085

Details

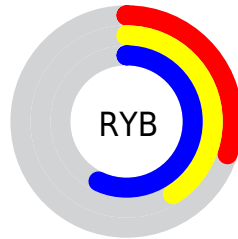
The Hex color **4C7B91** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **91624C**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **81AFC7**, and **154A5F** is the 20% darker color. If you saturate the color by 10%, you get **3E7691**, and if you desaturate by 10%, it is **5B8091**.

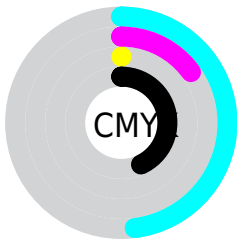
Distribution



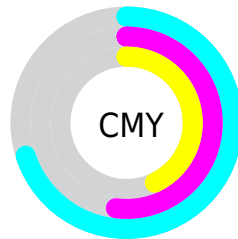
- Red (30%)
- Green (48%)
- Blue (57%)



- Red (30%)
- Yellow (41%)
- Blue (57%)



- Cyan (48%)
- Magenta (15%)
- Yellow (0%)
- Black (43%)



- Cyan (70%)
- Magenta (52%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C7B91 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 4C7B91 by changing the saturation by 10% instead.

■ 4C7B91

■ 4C7B91

FFFFFF

■ 326277

■ 81AFC7

■ 154A5F

■ 9CCBE3

■ 003447

■ B8E7FF

■ 001F30

■ D4FFFF

■ 00011C

■ F1FFFF

■ 000000

■ 4C7B91

■ 4C7B91

■ 3E7691

■ 5B8091

■ 2F7291

■ 698491

■ 216D91

■ 778991

■ 126991

■ 868D91

■ 046491

■ 949291

■ 006391

■ A39791

■ B19B91

■ C0A091

■ CFA591

Harmonies

Analogous

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



447E85



4C7B91



607696

Triad

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



4C7B91



956975



6F7958

Complementary

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



4C7B91



91624C

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.



817454



4C7B91



966A65

Square

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



4C7B91



8A6B86



8F6E59



5C7D64

Rectangle

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



4C7B91



707394



8F6E59



757756

Sweetspot

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



4C7B91



A2B4BD



4C9162



4E595E



DEDEDE



5E5E5E

Same Dimension

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



4C7B91



519ABD



4C5991



404547



005C87



000508

Inverse Universe

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



914C7B



BD519A



91844C



474045



87005C



080005

Previews

White Background



This preview shows how the Hex color 4C7B91 looks on a white background.

Color Contrast Check

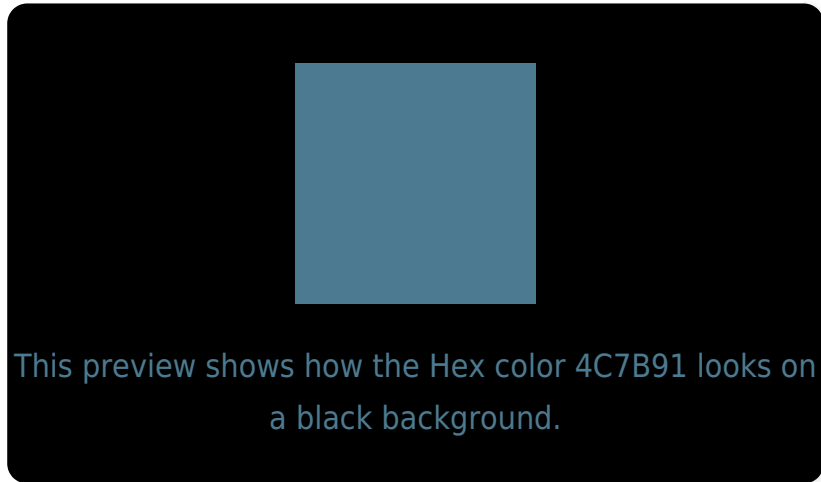
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

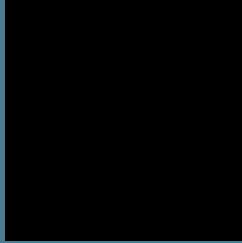
Any Text WCAG AA ✓ Pass

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 4C7B91 Background



This preview shows how black text looks on a background with the Hex color 4C7B91.




This preview shows how white text looks on a background with the Hex color 4C7B91.

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
497D87

Trichromacy



Original Color
4C7B91

Protanomaly
62768E

Deuteranomaly
637592

Tritanomaly
4A7C8B

Monochromacy



Original Color
4C7B91

Achromatopsia
6F6F6F

Achromatomaly
62737B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C7B91 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 #4C7B91 looks like.

```
.text, #text, p{  
    color:#4C7B91  
}
```

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 #4C7B91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7B91
}
```

Border

The CSS property to change the border of an element to Hex 4C7B91 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
#4C7B91 }
```

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

```
.border{ border-color:#4C7B91 }
```

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

Here you see how a box with a 4 pixel #4C7B91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7B91; -webkit-box-shadow:4px 4px  
4px 4px #4C7B91; box-shadow:4px 4px 4px  
4px #4C7B91 }
```

Background

The CSS property to change the background color of an element to Hex 4C7B91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7B91 }
```

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

```
.background{ background-color:#4C7B91 }
```

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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