

Converting Colors

Hex(4C6F84)

Have a look what the booklet for
Hex(4C6F84) contains.

Hex(4C6F84)	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(4C6F84)

Conversions

Conversions Part 1

Format	Color
Hex	4C6F84
RGB	76, 111, 132
RGB Percent	30%, 44%, 52%
CMY	0.7020, 0.5647, 0.4824
CMYK	0.42, 0.16, 0.00, 0.48
HSL	202°, 27%, 41%
HSV	202°, 42%, 52%
XYZ	12.8298, 14.5713, 23.9661
YIQ	102.9290, -27.6010, -0.8890

Conversions

Conversions Part 2

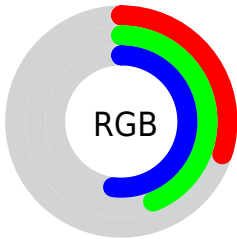
Format	Color
RYB	76, 98, 132
Decimal	5009284
CIELab	45.04, -6.62, -15.51
CIElCh	45, 16.867, 246.879
Yxy	14.5713, 0.2498, 0.2837
Android (android.graphics.Color)	4283199364 (0xFF4C6F84)
YUV	102.9290, 14.3320, -23.6167
Hunter-Lab	38.1724, -6.8076, -10.5039

Details

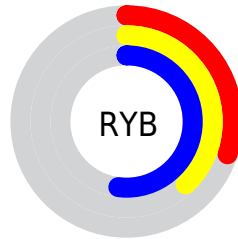
The Hex color **4C6F84** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **84614C**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **7FA3B9**, and **193F53** is the 20% darker color. If you saturate the color by 10%, you get **3F6A84**, and if you desaturate by 10%, it is **597484**.

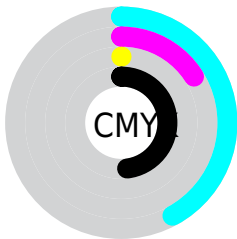
Distribution



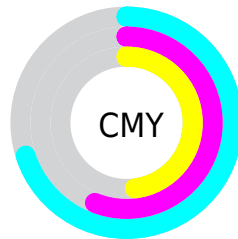
- Red (30%)
- Green (44%)
- Blue (52%)



- Red (30%)
- Yellow (38%)
- Blue (52%)



- Cyan (42%)
- Magenta (16%)
- Yellow (0%)
- Black (48%)



- Cyan (70%)
- Magenta (56%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C6F84 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 4C6F84 by changing the saturation by 10% instead.

■ 4C6F84

■ 4C6F84

FFFFFF

■ 33576B

■ 7FA3B9

■ 193F53

■ 9ABED5

■ 00293B

■ B5D9F1

■ 001526

■ D2F6FF

■ 000110

■ EEEFFF

■ 000000

■ 4C6F84

■ 4C6F84

■ 3F6A84

■ 597484

■ 326584

■ 667984

■ 246084

■ 747E84

■ 175B84

■ 818384

■ 0A5684

■ 8E8884

■ 005384

■ 9B8D84

■ A89284

■ B69784

■ C39C84

Harmonies

Analogous

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



42727B



4C6F84



5E6B86

Triad

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



4C6F84



876068



626F54

Complementary

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



4C6F84



84614C

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.



726B4F



4C6F84



86625A

Square

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



4C6F84



7F6276



7F6651



52725F

Rectangle

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



4C6F84



6B6784



7F6651



686E51

Sweetspot

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



4C6F84



95A3AB



4C8461



495157



D6D6D6



575757

Same Dimension

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



4C6F84



548AAB



4C5384



3C4042



005182



000203

Inverse Universe

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



844C6F



AB548A



847D4C



423C40



820051



030002

Previews

White Background



This preview shows how the Hex color 4C6F84 looks on a white background.

Color Contrast Check

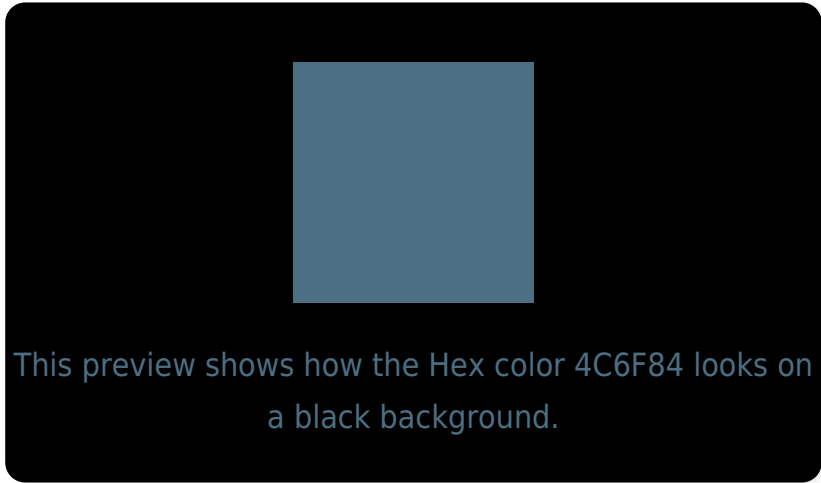
Large Text (above 18pt) WCAG AA ✓ Pass

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

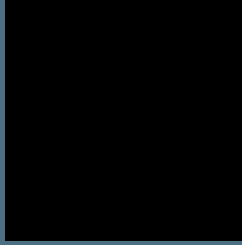
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

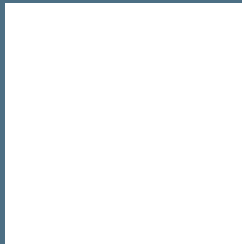
Any Text WCAG AAA × Fail

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

Hex 4C6F84 Background



This preview shows how black text looks on a background with the Hex color 4C6F84.

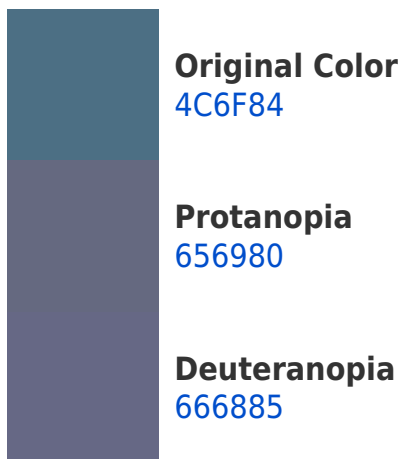


This preview shows how white text looks on a background with the Hex color 4C6F84.

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
49717A

Trichromacy



Original Color
4C6F84

Protanomaly
5C6B81

Deuteranomaly
5D6B85

Tritanomaly
4A707E

Monochromacy



Original Color
4C6F84

Achromatopsia
676767

Achromatomaly
5D6A72

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C6F84 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 #4C6F84 looks like.

```
.text, #text, p{  
    color:#4C6F84  
}
```

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 #4C6F84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6F84
}
```

Border

The CSS property to change the border of an element to Hex 4C6F84 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
#4C6F84 }
```

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

```
.border{ border-color:#4C6F84 }
```

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

Here you see how a box with a 4 pixel #4C6F84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6F84; -webkit-box-shadow:4px 4px  
4px 4px #4C6F84; box-shadow:4px 4px 4px  
4px #4C6F84 }
```

Background

The CSS property to change the background color of an element to Hex 4C6F84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6F84 }
```

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

```
.background{ background-color:#4C6F84 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor