

Converting Colors

Hex(4C7388)

Have a look what the booklet for
Hex(4C7388) contains.

Hex(4C7388)	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(4C7388)

Conversions

Conversions Part 1

Format	Color
Hex	4C7388
RGB	76, 115, 136
RGB Percent	30%, 45%, 53%
CMY	0.7020, 0.5490, 0.4667
CMYK	0.44, 0.15, 0.00, 0.47
HSL	201°, 28%, 42%
HSV	201°, 44%, 53%
XYZ	13.5552, 15.5755, 25.5845
YIQ	105.7330, -29.9850, -1.7370

Conversions

Conversions Part 2

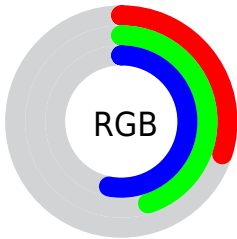
Format	Color
R_{YB}	76, 100, 136
Decimal	5010312
CIE _{Lab}	46.41, -7.79, -15.81
CIE _{LCh}	46, 17.622, 243.770
Yxy	15.5755, 0.2477, 0.2847
Android (android.graphics.Color)	4283200392 (0xFF4C7388)
YUV	105.7330, 14.9216, -26.0758
Hunter-Lab	39.4659, -7.7567, -10.8098

Details

The Hex color **4C7388** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **88614C**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **80A7BD**, and **184356** is the 20% darker color. If you saturate the color by 10%, you get **3E6E88**, and if you desaturate by 10%, it is **5A7888**.

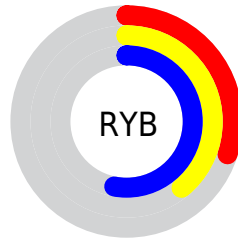
Distribution



Red (30%)

Green (45%)

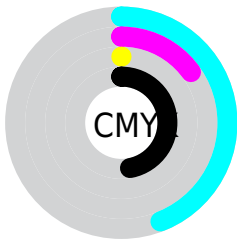
Blue (53%)



Red (30%)

Yellow (39%)

Blue (53%)

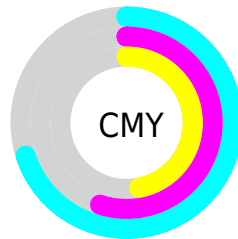


Cyan (44%)

Magenta (15%)

Yellow (0%)

Black (47%)



Cyan (70%)

Magenta (55%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C7388 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 4C7388 by changing the saturation by 10% instead.



4C7388



4C7388

FFFFFF



335A6F



80A7BD



184356



9BC2D9



002D3F



B6DEF6



001929



D2FBFF



000114



FFFFFF



000000



4C7388



4C7388



3E6E88



5A7888



316988



677D88

■ 236588

■ 758188

■ 166088

■ 828688

■ 085B88

■ 908B88

■ 005888

■ 9E9088

■ AB9488

■ B99988

■ C69E88

Harmonies

Analogous

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



43767E



4C7388



5F6F8B

Triad

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



4C7388



8B636D



677255

Complementary

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



4C7388



88614C

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.



776E51



4C7388



8B655E

Square

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



4C7388



83657B



846954



567560

Rectangle

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



4C7388



6C6B89



846954



6C7153

Sweetspot

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



4C7388



99A8B0



4C8861



4B5459



D9D9D9



595959

Same Dimension

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



4C7388



538FB0



4C5588



3E4245



005685



000305

Inverse Universe

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



884C73



B0538F



887F4C



453E42



850056



050003

Previews

White Background



This preview shows how the Hex color 4C7388 looks on a white background.

Color Contrast Check

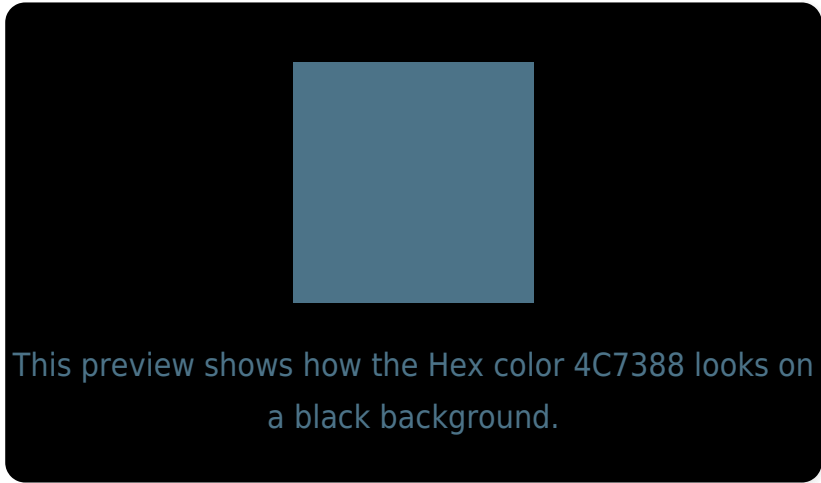
Large Text (above 18pt) WCAG AA ✓ Pass

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

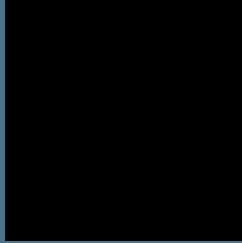
Any Text WCAG AA × Fail

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 4C7388 Background



This preview shows how black text looks on a background with the Hex color 4C7388.

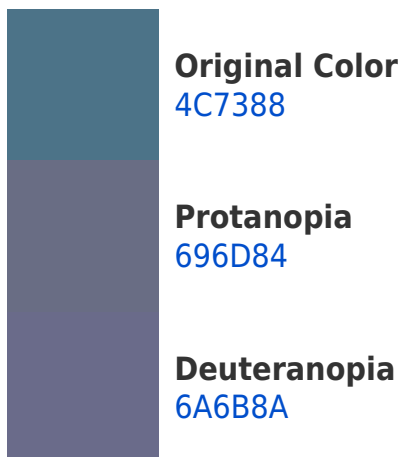


This preview shows how white text looks on a background with the Hex color 4C7388.

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](#).

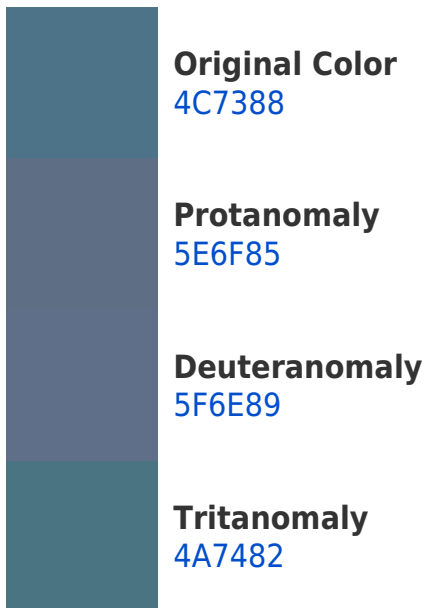
Dichromacy



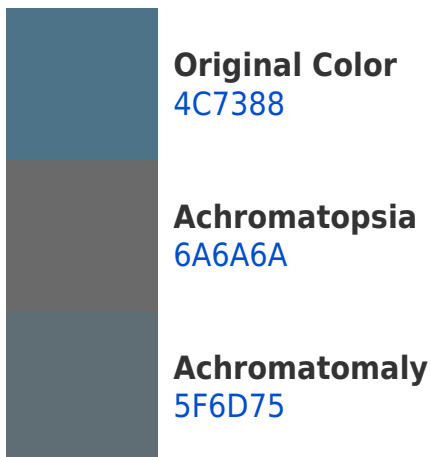


Tritanopia
49757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C7388 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 #4C7388 looks like.

```
.text, #text, p{  
    color:#4C7388  
}
```

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 #4C7388 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7388  
}
```

Border

The CSS property to change the border of an element to Hex 4C7388 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  
#4C7388 }
```

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

```
.border{ border-color:#4C7388 }
```

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

Here you see how a box with a 4 pixel #4C7388 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7388; -webkit-box-shadow:4px 4px  
4px 4px #4C7388; box-shadow:4px 4px 4px  
4px #4C7388 }
```

Background

The CSS property to change the background color of an element to Hex 4C7388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7388 }
```

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

```
.background{ background-color:#4C7388 }
```

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