

Converting Colors

Hex(4C688A)

Have a look what the booklet for
Hex(4C688A) contains.

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Color

Hex(4C688A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 4C688A |
| RGB | 76, 104, 138 |
| RGB Percent | 30%, 41%, 54% |
| CMY | 0.7020, 0.5922, 0.4588 |
| CMYK | 0.45, 0.25, 0.00, 0.46 |
| HSL | 213°, 29%, 42% |
| HSV | 213°, 45%, 54% |
| XYZ | 12.5183, 13.2721, 25.9467 |
| YIQ | 99.5040, -27.6020, 4.6380 |

Conversions

Conversions Part 2

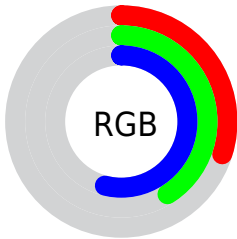
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 76, 95, 138 |
| Decimal | 5007498 |
| CIE _{Lab} | 43.17, -0.65, -21.98 |
| CIE _{LCh} | 43, 21.987, 268.301 |
| Yxy | 13.2721, 0.2420, 0.2565 |
| Android (android.graphics.Color) | 4283197578 (0xFF4C688A) |
| YUV | 99.5040, 18.9785, -20.6130 |
| Hunter-Lab | 36.4309, -2.4186, -16.7258 |

Details

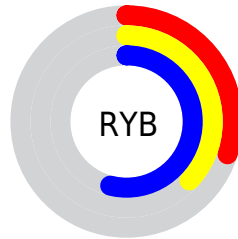
The Hex color **4C688A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8A6E4C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **809BC0**, and **183958** is the 20% darker color. If you saturate the color by 10%, you get **3E608A**, and if you desaturate by 10%, it is **5A708A**.

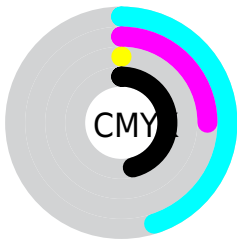
Distribution



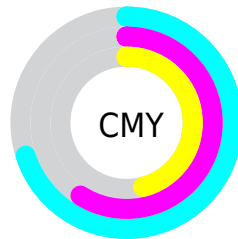
- Red (30%)
- Green (41%)
- Blue (54%)



- Red (30%)
- Yellow (37%)
- Blue (54%)



- Cyan (45%)
- Magenta (25%)
- Yellow (0%)
- Black (46%)



- Cyan (70%)
- Magenta (59%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C688A 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 4C688A by changing the saturation by 10% instead.



4C688A



4C688A

FFFFFF



335070



809BC0



183958



9BB6DB



002440



B6D1F8



000E2A



D2EEFF



000115



FFFFFF



000000



4C688A



4C688A



3E608A



5A708A



30598A



68778A

■ 23518A

■ 757F8A

■ 154A8A

■ 83868A

■ 07428A

■ 918E8A

■ 003E8A

■ 9F958A

■ AD9D8A

■ BAA58A

■ C8AC8A

Harmonies

Analogous

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



326D84



4C688A



676286

Triad

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



4C688A



8A5A56



4B6E52

Complementary

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



4C688A



8A6E4C

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.



616A45



4C688A



825E48

Square

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



4C688A



885868



746442



367064

Rectangle

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



4C688A



765D7E



746442



536D4D

Sweetspot

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



4C688A



9BA6B3



4C8A6D



4B5159



D9D9D9



595959

Same Dimension

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



4C688A



527EB3



4E4C8A



3E4145



003C85



000205

Inverse Universe

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



8A4C68



B3527E



888A4C



453E41



85003C



050002

Previews

White Background



This preview shows how the Hex color 4C688A looks on a white background.

Color Contrast Check

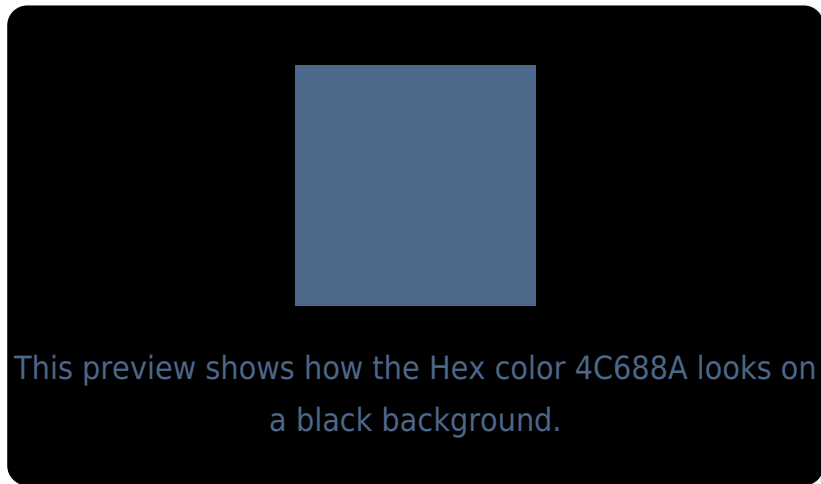
Large Text (above 18pt) WCAG AA ✓ Pass

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

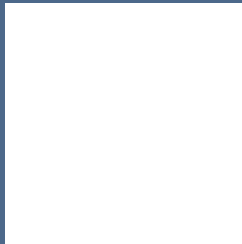
Any Text WCAG AAA × Fail

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

Hex 4C688A Background



This preview shows how black text looks on a background with the Hex color 4C688A.



This preview shows how white text looks on a background with the Hex color 4C688A.

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



Original Color
4C688A

Protanopia
5C6487

Deuteranopia
5A648B



Tritanopia
466C75

Trichromacy



Original Color
4C688A

Protanomaly
566588

Deuteranomaly
55658B

Tritanomaly
486B7D

Monochromacy



Original Color
4C688A

Achromatopsia
646464

Achromatomaly
5B6572

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C688A 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 #4C688A looks like.

```
.text, #text, p{  
    color:#4C688A  
}
```

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 #4C688A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C688A
}
```

Border

The CSS property to change the border of an element to Hex 4C688A 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
#4C688A }
```

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

```
.border{ border-color:#4C688A }
```

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

Here you see how a box with a 4 pixel #4C688A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C688A; -webkit-box-shadow:4px 4px  
4px 4px #4C688A; box-shadow:4px 4px 4px  
4px #4C688A }
```

Background

The CSS property to change the background color of an element to Hex 4C688A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C688A }
```

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

```
.background{ background-color:#4C688A }
```

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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