

Converting Colors

Hex(4F8688)

Have a look what the booklet for
Hex(4F8688) contains.

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Color

Hex(4F8688)

Conversions

Conversions Part 1

Format	Color
Hex	4F8688
RGB	79, 134, 136
RGB Percent	31%, 53%, 53%
CMY	0.6902, 0.4745, 0.4667
CMYK	0.42, 0.01, 0.00, 0.47
HSL	182°, 27%, 42%
HSV	182°, 42%, 53%
XYZ	16.1935, 20.4900, 26.3940
YIQ	117.7830, -33.4220, -11.0380

Conversions

Conversions Part 2

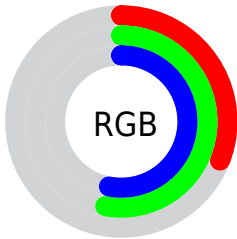
Format	Color
R_{YB}	79, 107, 136
Decimal	5211784
CIE _{Lab}	52.39, -17.59, -6.80
CIE _{LCh}	52, 18.852, 201.128
Yxy	20.4900, 0.2567, 0.3248
Android (android.graphics.Color)	4283401864 (0xFF4F8688)
YUV	117.7830, 8.9810, -34.0127
Hunter-Lab	45.2659, -15.3586, -2.8852

Details

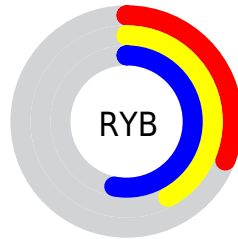
The Hex color **4F8688** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **88514F**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **83BBBD**, and **1A5456** is the 20% darker color. If you saturate the color by 10%, you get **418688**, and if you desaturate by 10%, it is **5D8688**.

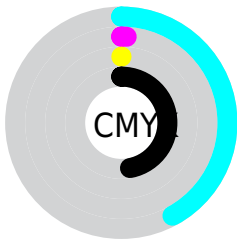
Distribution



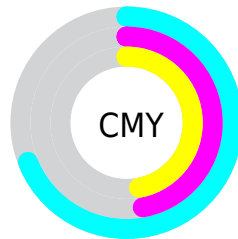
- Red (31%)
- Green (53%)
- Blue (53%)



- Red (31%)
- Yellow (42%)
- Blue (53%)



- Cyan (42%)
- Magenta (1%)
- Yellow (0%)
- Black (47%)



- Cyan (69%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F8688 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 4F8688 by changing the saturation by 10% instead.



4F8688



4F8688

FFFFFF



356D6F



83BBBD



1A5456



9FD7D9



003D3F



BAF4F5



002729



D7FFFF



001015



F3FFFF



000000



4F8688



4F8688



418688



5D8688



348588



6A8788

■ 268588

■ 788788

■ 198488

■ 858888

■ 0B8488

■ 938888

■ 008388

■ A18988

■ AE8988

■ BC8A88

■ C98A88

Harmonies

Analogous

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



598677



4F8688



528496

Triad

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



4F8688



8D7591



8E7A5D

Complementary

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



4F8688



88514F

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.



997564



4F8688



9A7282

Square

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



4F8688



797B9B



9E7272



7D805F

Rectangle

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



4F8688



5C819B



9E7272



92785F

Sweetspot

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



4F8688



99AFB0



4F8851



4B5959



D9D9D9



595959

Same Dimension

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



4F8688



58ADB0



4F6A88



3E4545



008085



000505

Inverse Universe

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



884F86



B058AD



886D4F



453E45



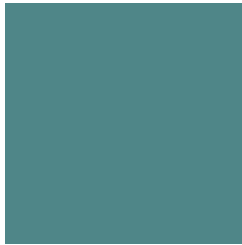
850080



050005

Previews

White Background



This preview shows how the Hex color 4F8688 looks on a white background.

Color Contrast Check

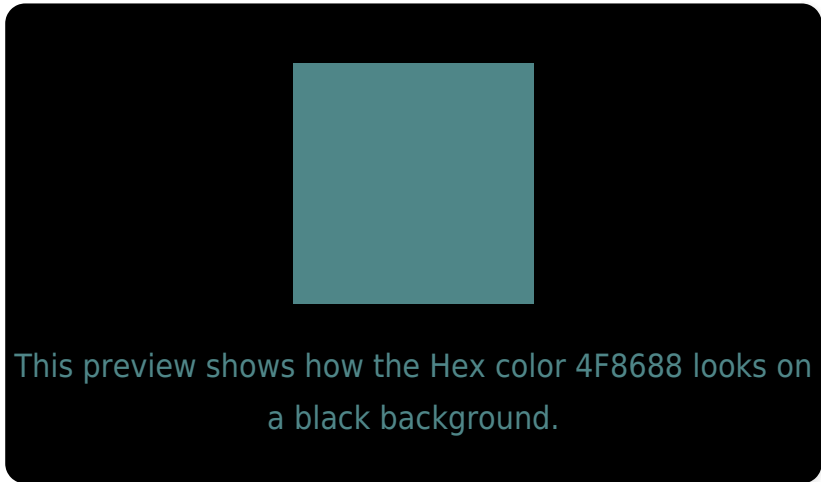
Large Text (above 18pt) WCAG AA ✓ Pass

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

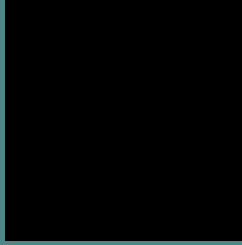
Any Text WCAG AA ✓ Pass

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 4F8688 Background



This preview shows how black text looks on a background with the Hex color 4F8688.

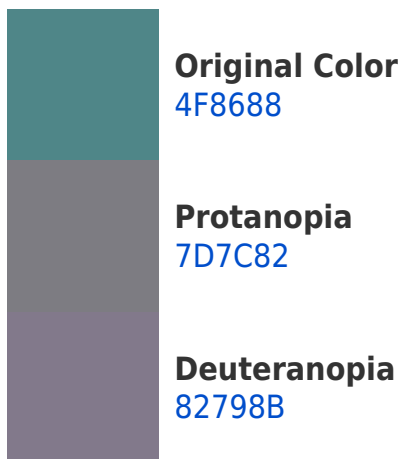


This preview shows how white text looks on a background with the Hex color 4F8688.

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
518590

Trichromacy



Original Color
4F8688

Protanomaly
6C8084

Deuteranomaly
6F7E8A

Tritanomaly
50858D

Monochromacy



Original Color
4F8688

Achromatopsia
767676

Achromatomaly
687C7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F8688 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 #4F8688 looks like.

```
.text, #text, p{  
    color:#4F8688  
}
```

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 #4F8688 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F8688
}
```

Border

The CSS property to change the border of an element to Hex 4F8688 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
#4F8688 }
```

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

```
.border{ border-color:#4F8688 }
```

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

Here you see how a box with a 4 pixel #4F8688 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F8688; -webkit-box-shadow:4px 4px  
4px 4px #4F8688; box-shadow:4px 4px 4px  
4px #4F8688 }
```

Background

The CSS property to change the background color of an element to Hex 4F8688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F8688 }
```

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

```
.background{ background-color:#4F8688 }
```

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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