

Converting Colors

Hex(4F6D88)

Have a look what the booklet for
Hex(4F6D88) contains.

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Color

Hex(4F6D88)

Conversions

Conversions Part 1

Format	Color
Hex	4F6D88
RGB	79, 109, 136
RGB Percent	31%, 43%, 53%
CMY	0.6902, 0.5725, 0.4667
CMYK	0.42, 0.20, 0.00, 0.47
HSL	208°, 27%, 42%
HSV	208°, 42%, 53%
XYZ	13.1370, 14.3771, 25.3752
YIQ	103.1080, -26.5470, 2.0370

Conversions

Conversions Part 2

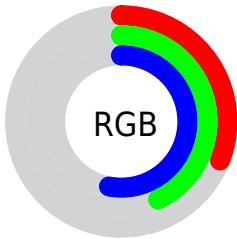
Format	Color
R_{YB}	79, 99, 136
Decimal	5205384
CIE _{Lab}	44.77, -3.42, -18.30
CIE _{LCh}	45, 18.620, 259.423
Yxy	14.3771, 0.2484, 0.2718
Android (android.graphics.Color)	4283395464 (0xFF4F6D88)
YUV	103.1080, 16.2158, -21.1427
Hunter-Lab	37.9172, -4.5108, -13.1365

Details

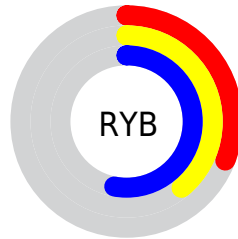
The Hex color **4F6D88** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **886A4F**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **82A0BD**, and **1D3E56** is the 20% darker color. If you saturate the color by 10%, you get **416788**, and if you desaturate by 10%, it is **5D7388**.

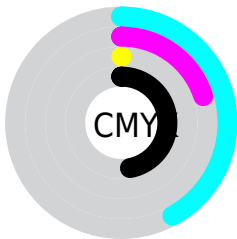
Distribution



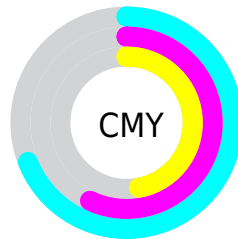
- Red (31%)
- Green (43%)
- Blue (53%)



- Red (31%)
- Yellow (39%)
- Blue (53%)



- Cyan (42%)
- Magenta (20%)
- Yellow (0%)
- Black (47%)



- Cyan (69%)
- Magenta (57%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F6D88 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 4F6D88 by changing the saturation by 10% instead.



4F6D88



4F6D88

FFFFFF



36556F



82A0BD



1D3E56



9DBBD9



00283F



B9D7F6



001329



D5F3FF



000114



F2FFFF



000000



4F6D88



4F6D88



416788



5D7388



346088



6A7A88

■ 265A88

■ 788088

■ 195388

■ 858788

■ 0B4D88

■ 938D88

■ 004888

■ A19488

■ AE9A88

■ BCA188

■ C9A788

Harmonies

Analogous

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



3F7181



4F6D88



656887

Triad

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



4F6D88



895F60



597055

Complementary

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



4F6D88



886A4F

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.



6B6C4C



4F6D88



856253

Square

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



4F6D88



855F70



7A674C



487264

Rectangle

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



4F6D88



726482



7A674C



5F6F52

Sweetspot

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



4F6D88



99A5B0



4F886A



4B5259



D9D9D9



595959

Same Dimension

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



4F6D88



5886B0



4F5188



3E4245



004685



000305

Inverse Universe

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



884F6D



B05886



88864F



453E42



850046



050003

Previews

White Background



This preview shows how the Hex color 4F6D88 looks on a white background.

Color Contrast Check

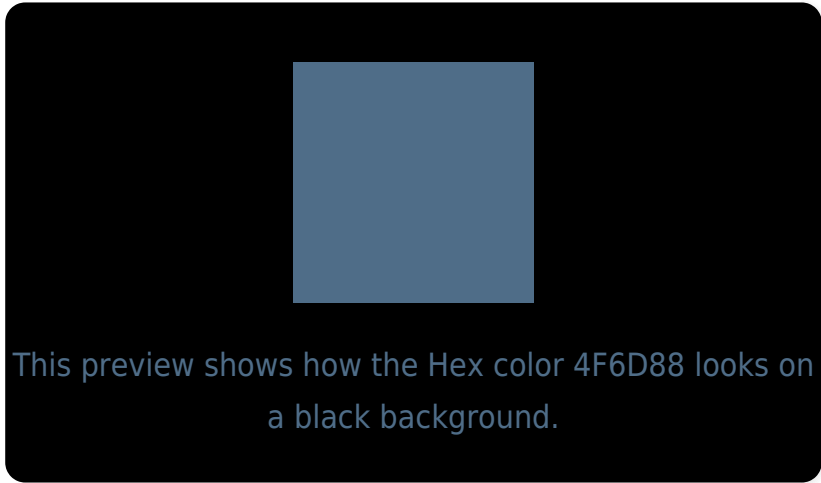
Large Text (above 18pt) WCAG AA ✓ Pass

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

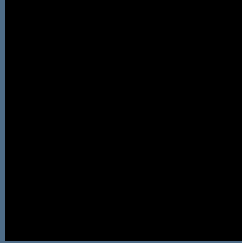
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

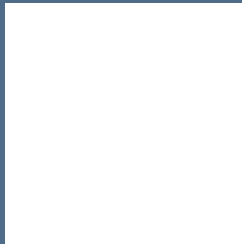
Any Text WCAG AAA × Fail

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

Hex 4F6D88 Background



This preview shows how black text looks on a background with the Hex color 4F6D88.

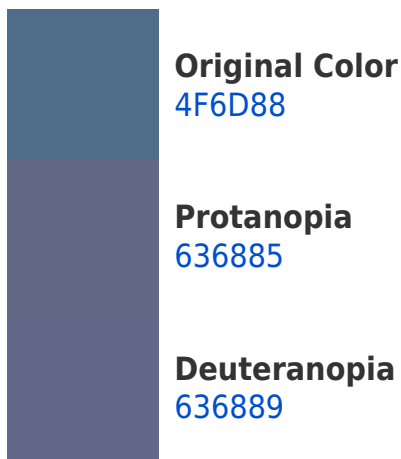


This preview shows how white text looks on a background with the Hex color 4F6D88.

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
4B7079

Trichromacy



Original Color
4F6D88

Protanomaly
5C6A86

Deuteranomaly
5C6A89

Tritanomaly
4C6F7E

Monochromacy



Original Color
4F6D88

Achromatopsia
676767

Achromatomaly
5E6973

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F6D88 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 #4F6D88 looks like.

```
.text, #text, p{  
    color:#4F6D88  
}
```

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 #4F6D88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F6D88
}
```

Border

The CSS property to change the border of an element to Hex 4F6D88 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
#4F6D88 }
```

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

```
.border{ border-color:#4F6D88 }
```

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

Here you see how a box with a 4 pixel #4F6D88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F6D88; -webkit-box-shadow:4px 4px  
4px 4px #4F6D88; box-shadow:4px 4px 4px  
4px #4F6D88 }
```

Background

The CSS property to change the background color of an element to Hex 4F6D88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F6D88 }
```

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

```
.background{ background-color:#4F6D88 }
```

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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