

Converting Colors

Hex(4F7186)

Have a look what the booklet for
Hex(4F7186) contains.

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Color

Hex(4F7186)

Conversions

Conversions Part 1

Format	Color
Hex	4F7186
RGB	79, 113, 134
RGB Percent	31%, 44%, 53%
CMY	0.6902, 0.5569, 0.4745
CMYK	0.41, 0.16, 0.00, 0.47
HSL	203°, 26%, 42%
HSV	203°, 41%, 53%
XYZ	13.4327, 15.1937, 24.7790
YIQ	105.2280, -27.0050, -0.6770

Conversions

Conversions Part 2

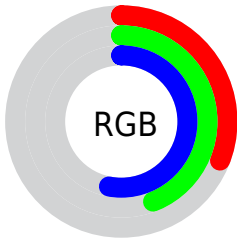
Format	Color
RYB	79, 100, 134
Decimal	5206406
CIELab	45.90, -6.36, -15.38
CIELCh	46, 16.648, 247.535
Yxy	15.1937, 0.2515, 0.2845
Android (android.graphics.Color)	4283396486 (0xFF4F7186)
YUV	105.2280, 14.1846, -23.0020
Hunter-Lab	38.9792, -6.7004, -10.4051

Details

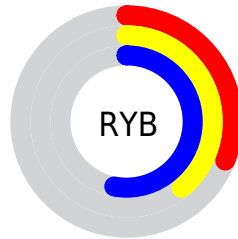
The Hex color **4F7186** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **86644F**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **82A5BB**, and **1D4154** is the 20% darker color. If you saturate the color by 10%, you get **426C86**, and if you desaturate by 10%, it is **5C7686**.

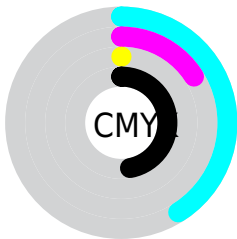
Distribution



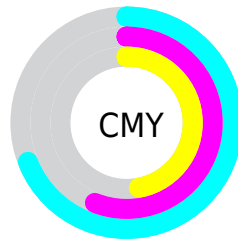
- Red (31%)
- Green (44%)
- Blue (53%)



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



- Cyan (41%)
- Magenta (16%)
- Yellow (0%)
- Black (47%)



- Cyan (69%)
- Magenta (56%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F7186 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 4F7186 by changing the saturation by 10% instead.



4F7186



4F7186

FFFFFF



36596D



82A5BB



1D4154



9DC0D7



002B3D



B9DCF3



001727



D5F8FF



000112



F1FFFF



000000



4F7186



4F7186



426C86



5C7686



346786



6A7B86

■ 276286

■ 778086

■ 195D86

■ 858586

■ 0C5786

■ 928B86

■ 005386

■ 9F9086

■ AD9586

■ BA9A86

■ C89F86

Harmonies

Analogous

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



45747D



4F7186



616D88

Triad

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



4F7186



89636A



647156

Complementary

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



4F7186



86644F

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.



746D51



4F7186



88645C

Square

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



4F7186



826478



806853



547462

Rectangle

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



4F7186



6E6A85



806853



697054

Sweetspot

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



4F7186



99A5AD



4F8663



4B5257



D6D6D6



575757

Same Dimension

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



4F7186



588DAD



4F5686



3C4042



005082



000203

Inverse Universe

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



864F71



AD588D



867F4F



423C40



820050



030002

Previews

White Background



This preview shows how the Hex color 4F7186 looks on a white background.

Color Contrast Check

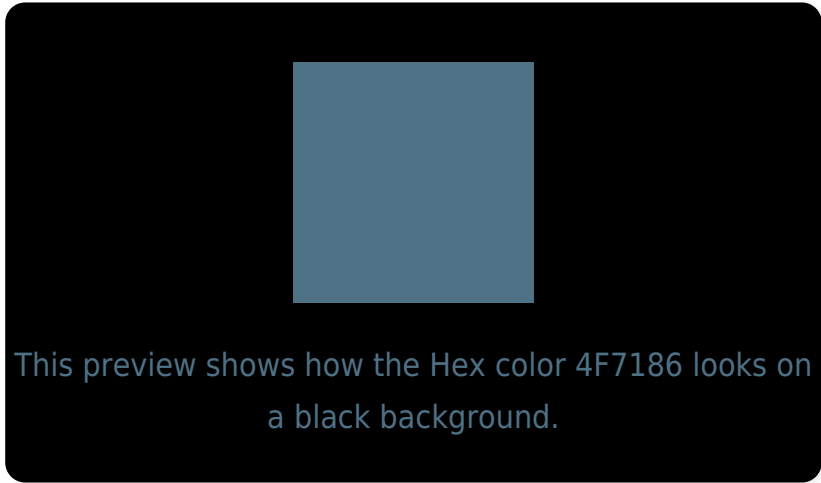
Large Text (above 18pt) WCAG AA ✓ Pass

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

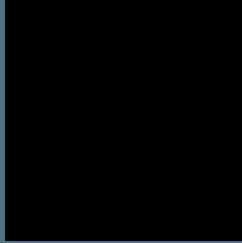
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

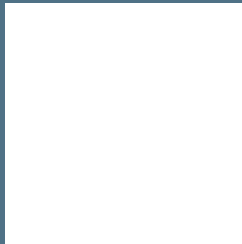
Any Text WCAG AAA × Fail

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

Hex 4F7186 Background



This preview shows how black text looks on a background with the Hex color 4F7186.

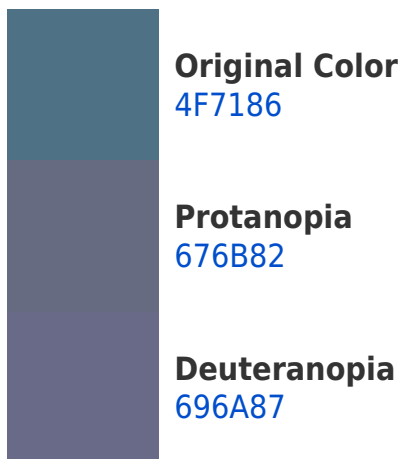


This preview shows how white text looks on a background with the Hex color 4F7186.

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
4C737C

Trichromacy



Original Color
4F7186

Protanomaly
5E6D83

Deuteranomaly
606D87

Tritanomaly
4D7280

Monochromacy



Original Color
4F7186

Achromatopsia
696969

Achromatomaly
606C74

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F7186 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 #4F7186 looks like.

```
.text, #text, p{  
    color:#4F7186  
}
```

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 #4F7186 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7186
}
```

Border

The CSS property to change the border of an element to Hex 4F7186 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
#4F7186 }
```

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

```
.border{ border-color:#4F7186 }
```

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

Here you see how a box with a 4 pixel #4F7186 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7186; -webkit-box-shadow:4px 4px  
4px 4px #4F7186; box-shadow:4px 4px 4px  
4px #4F7186 }
```

Background

The CSS property to change the background color of an element to Hex 4F7186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7186 }
```

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

```
.background{ background-color:#4F7186 }
```

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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