

Converting Colors

Hex(4F6A6A)

Have a look what the booklet for
Hex(4F6A6A) contains.

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Color

Hex(4F6A6A)

Conversions

Conversions Part 1

Format	Color
Hex	4F6A6A
RGB	79, 106, 106
RGB Percent	31%, 42%, 42%
CMY	0.6902, 0.5843, 0.5843
CMYK	0.25, 0.00, 0.00, 0.58
HSL	180°, 15%, 36%
HSV	180°, 25%, 42%
XYZ	10.9800, 13.0109, 15.5683
YIQ	97.9270, -16.0920, -5.7240

Conversions

Conversions Part 2

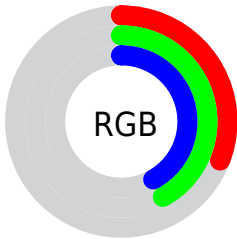
Format	Color
RYB	79, 93, 106
Decimal	5204586
CIELab	42.78, -9.85, -3.24
CIELCh	43, 10.365, 198.202
Yxy	13.0109, 0.2776, 0.3289
Android (android.graphics.Color)	4283394666 (0xFF4F6A6A)
YUV	97.9270, 3.9800, -16.5990
Hunter-Lab	36.0707, -8.7879, -0.3404

Details

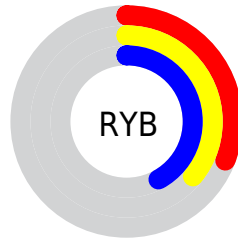
The Hex color **4F6A6A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A4F4F**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **819D9D**, and **213B3B** is the 20% darker color. If you saturate the color by 10%, you get **446A6A**, and if you desaturate by 10%, it is **5A6A6A**.

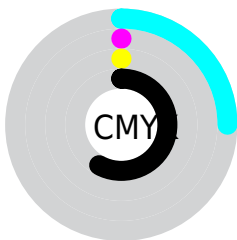
Distribution



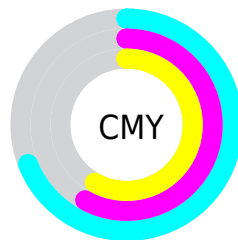
- Red (31%)
- Green (42%)
- Blue (42%)



- Red (31%)
- Yellow (36%)
- Blue (42%)



- Cyan (25%)
- Magenta (0%)
- Yellow (0%)
- Black (58%)



- Cyan (69%)
- Magenta (58%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F6A6A 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 4F6A6A by changing the saturation by 10% instead.



4F6A6A



4F6A6A

FFFFFF



375252



819D9D



213B3B



9BB8B8



0B2525



B6D4D4



001110



D2F0F0



000000



EEEFFF



4F6A6A



4F6A6A



446A6A



5A6A6A



3A6A6A



646A6A

■ 2F6A6A

■ 6F6A6A

■ 256A6A

■ 796A6A

■ 1A6A6A

■ 846A6A

■ 0F6A6A

■ 8F6A6A

■ 056A6A

■ 996A6A

■ 006A6A

■ A46A6A

■ AE6A6A

Harmonies

Analogous

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



546A61



4F6A6A



506971

Triad

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



4F6A6A



6D6170



6F6354

Complementary

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



4F6A6A



6A4F4F

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.



756159



4F6A6A



745F69

Square

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



4F6A6A



626475



775F60



666655

Rectangle

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



4F6A6A



556875



775F60



726255

Sweetspot

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



4F6A6A



7F8A8A



4F6A4F



3E4545



C4C4C4



454545

Same Dimension

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



4F6A6A



5F8A8A



4F5D6A



303636



007575



00F5F5

Inverse Universe

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



6A4F6A



8A5F8A



6A5D4F



363036



750075



F500F5

Previews

White Background



This preview shows how the Hex color 4F6A6A looks on a white background.

Color Contrast Check

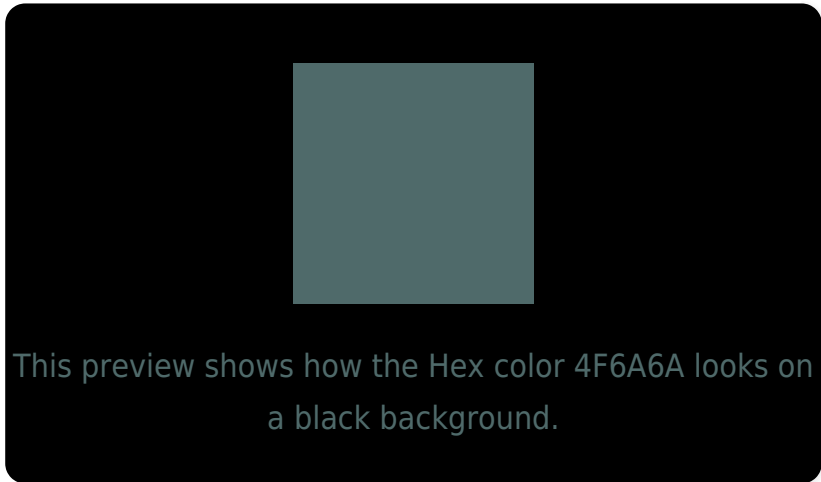
Large Text (above 18pt) WCAG AA ✓ Pass

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

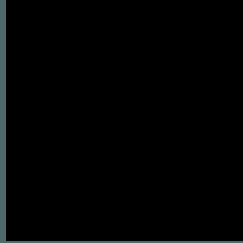
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

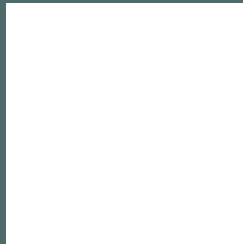
Any Text WCAG AAA × Fail

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

Hex 4F6A6A Background



This preview shows how black text looks on a background with the Hex color 4F6A6A.



This preview shows how white text looks on a background with the Hex color 4F6A6A.

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
4F6A6A

Protanopia
666467

Deuteranopia
6B626C



Tritanopia
516971

Trichromacy



Original Color

4F6A6A

Protanomaly

5E6668

Deuteranomaly

61656B

Tritanomaly

50696E

Monochromacy



Original Color

4F6A6A

Achromatopsia

626262

Achromatomaly

5B6565

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F6A6A 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 #4F6A6A looks like.

```
.text, #text, p{  
    color:#4F6A6A  
}
```

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 #4F6A6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F6A6A
}
```

Border

The CSS property to change the border of an element to Hex 4F6A6A 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
#4F6A6A }
```

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

```
.border{ border-color:#4F6A6A }
```

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

Here you see how a box with a 4 pixel #4F6A6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F6A6A; -webkit-box-shadow:4px 4px  
4px 4px #4F6A6A; box-shadow:4px 4px 4px  
4px #4F6A6A }
```

Background

The CSS property to change the background color of an element to Hex 4F6A6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F6A6A }
```

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

```
.background{ background-color:#4F6A6A }
```

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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