

Converting Colors

Hex(4F6A6E)

Have a look what the booklet for
Hex(4F6A6E) contains.

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Color

Hex(4F6A6E)

Conversions

Conversions Part 1

Format	Color
Hex	4F6A6E
RGB	79, 106, 110
RGB Percent	31%, 42%, 43%
CMY	0.6902, 0.5843, 0.5686
CMYK	0.28, 0.04, 0.00, 0.57
HSL	188°, 16%, 37%
HSV	188°, 28%, 43%
XYZ	11.1930, 13.0961, 16.6897
YIQ	98.3830, -17.3760, -4.4800

Conversions

Conversions Part 2

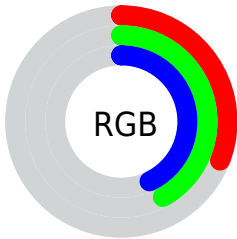
Format	Color
R_{YB}	79, 93, 110
Decimal	5204590
CIE _{Lab}	42.91, -8.83, -5.47
CIE _{LCh}	43, 10.390, 211.766
Yxy	13.0961, 0.2731, 0.3196
Android (android.graphics.Color)	4283394670 (0xFF4F6A6E)
YUV	98.3830, 5.7272, -16.9989
Hunter-Lab	36.1886, -8.1208, -2.0118

Details

The Hex color **4F6A6E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E534F**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **819DA2**, and **213B3F** is the 20% darker color. If you saturate the color by 10%, you get **44696E**, and if you desaturate by 10%, it is **5A6B6E**.

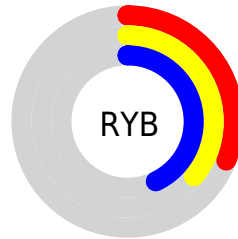
Distribution



Red (31%)

Green (42%)

Blue (43%)



Red (31%)

Yellow (36%)

Blue (43%)

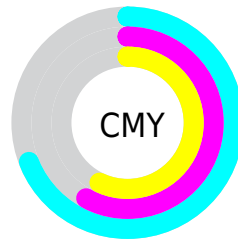


Cyan (28%)

Magenta (4%)

Yellow (0%)

Black (57%)



Cyan (69%)

Magenta (58%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F6A6E 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 4F6A6E by changing the saturation by 10% instead.



4F6A6E



4F6A6E

FFFFFF



375256



819DA2



213B3F



9BB8BD



0A2529



B6D4D8



001114



D2F0F5



000000



EFFFFFF



4F6A6E



4F6A6E



44696E



5A6B6E



39676E



656D6E

2E666E

706E6E

23646E

7B706E

18636E

86716E

0D616E

91736E

02606E

9C746E

00606E

A7756E

B2776E

Harmonies

Analogous

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



516A66



4F6A6E



536874

Triad

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



4F6A6E



71616E



6C6554

Complementary

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



4F6A6E



6E534F

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.



736256



4F6A6E



775F65

Square

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



4F6A6E



686374



77605D



626857

Rectangle

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



4F6A6E



596776



77605D



6F6455

Sweetspot

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



4F6A6E



838D8F



4F6E53



404647



C7C7C7



474747

Same Dimension

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



4F6A6E



5E898F



4F5B6E



323738



006878



00D7F7

Inverse Universe

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



6E4F6A



8F5E89



6E624F



383237



780068



F700D7

Previews

White Background



This preview shows how the Hex color 4F6A6E looks on a white background.

Color Contrast Check

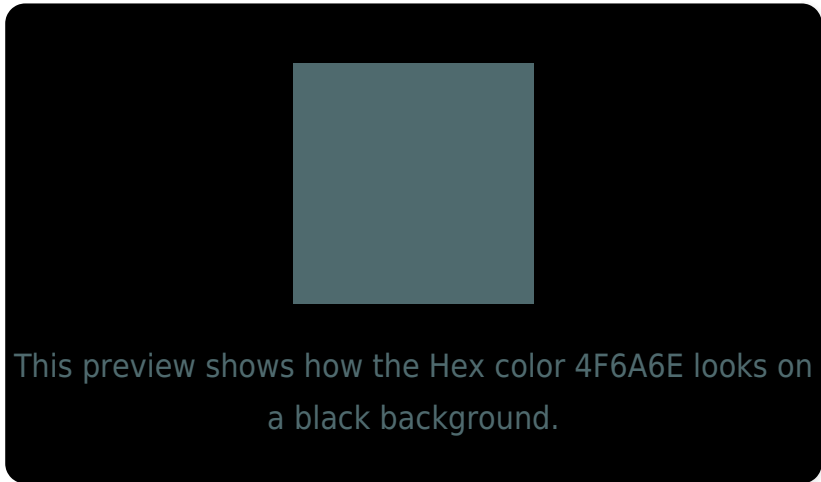
Large Text (above 18pt) WCAG AA ✓ Pass

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

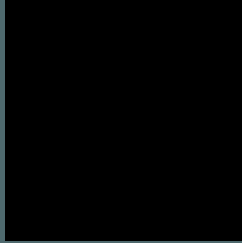
Any Text WCAG AA × Fail

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 4F6A6E Background



This preview shows how black text looks on a background with the Hex color 4F6A6E.



This preview shows how white text looks on a background with the Hex color 4F6A6E.

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
4F6A6E

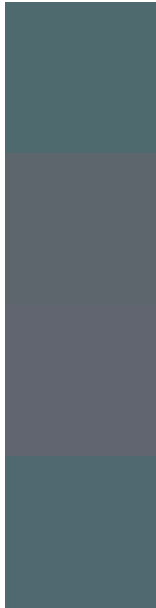
Protanopia
65646B

Deuteranopia
6A6270



Tritanopia
506972

Trichromacy



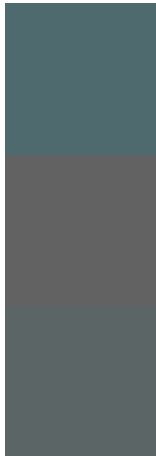
Original Color
4F6A6E

Protanomaly
5D666C

Deuteranomaly
60656F

Tritanomaly
506971

Monochromacy



Original Color
4F6A6E

Achromatopsia
626262

Achromatomaly
5B6566

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F6A6E 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 #4F6A6E looks like.

```
.text, #text, p{  
    color:#4F6A6E  
}
```

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 #4F6A6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F6A6E
}
```

Border

The CSS property to change the border of an element to Hex 4F6A6E 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
#4F6A6E }
```

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

```
.border{ border-color:#4F6A6E }
```

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

Here you see how a box with a 4 pixel #4F6A6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F6A6E; -webkit-box-shadow:4px 4px  
4px 4px #4F6A6E; box-shadow:4px 4px 4px  
4px #4F6A6E }
```

Background

The CSS property to change the background color of an element to Hex 4F6A6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F6A6E }
```

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

```
.background{ background-color:#4F6A6E }
```

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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