

Converting Colors

Hex(4F6771)

Have a look what the booklet for
Hex(4F6771) contains.

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Color

Hex(4F6771)

Conversions

Conversions Part 1

Format	Color
Hex	4F6771
RGB	79, 103, 113
RGB Percent	31%, 40%, 44%
CMY	0.6902, 0.5961, 0.5569
CMYK	0.30, 0.09, 0.00, 0.56
HSL	198°, 18%, 38%
HSV	198°, 30%, 44%
XYZ	11.0553, 12.5550, 17.4635
YIQ	96.9640, -17.5140, -1.9780

Conversions

Conversions Part 2

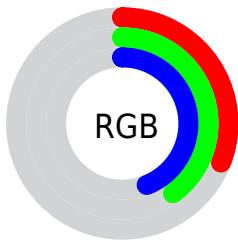
Format	Color
RYB	79, 93, 113
Decimal	5203825
CIELab	42.08, -6.30, -8.52
CIElCh	42, 10.592, 233.529
Yxy	12.5550, 0.2692, 0.3057
Android (android.graphics.Color)	4283393905 (0xFF4F6771)
YUV	96.9640, 7.9057, -15.7544
Hunter-Lab	35.4331, -6.3147, -4.4184

Details

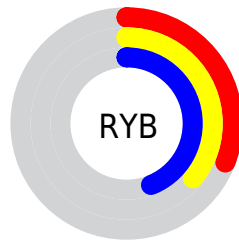
The Hex color **4F6771** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **71594F**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **819AA5**, and **213841** is the 20% darker color. If you saturate the color by 10%, you get **446471**, and if you desaturate by 10%, it is **5A6A71**.

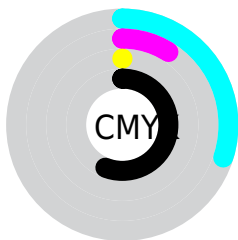
Distribution



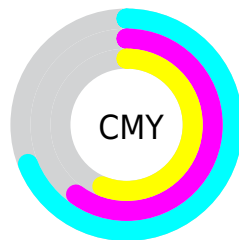
- Red (31%)
- Green (40%)
- Blue (44%)



- Red (31%)
- Yellow (36%)
- Blue (44%)



- Cyan (30%)
- Magenta (9%)
- Yellow (0%)
- Black (56%)



- Cyan (69%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F6771 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 4F6771 by changing the saturation by 10% instead.

■ 4F6771

■ 4F6771

FFFFFF

■ 374F59

■ 819AA5

■ 213841

■ 9BB5C0

■ 0A232B

■ B6D0DC

■ 000D17

■ D2EDF8

■ 000000

■ EFFFFFF

■ 4F6771

■ 4F6771

■ 446471

■ 5A6A71

■ 386071

■ 666E71

■ 2D5D71

■ 717171

■ 225A71

■ 7C7471

■ 175671

■ 887871

■ 0B5371

■ 937B71

■ 005071

■ 9E7E71

■ A98271

■ B58571

Harmonies

Analogous

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



4D686A



4F6771



576574

Triad

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



4F6771



745D66



636553

Complementary

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



4F6771



71594F

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.



6C6252



4F6771



765E5D

Square

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



4F6771



6D5F6E



735F56



596759

Rectangle

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



4F6771



5F6374



735F56



666452

Sweetspot

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



4F6771



879094



4F7159



42484A



C9C9C9



4A4A4A

Same Dimension

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



4F6771



5F8494



4F5671



323638



005578



00AFF7

Inverse Universe

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



714F67



945F84



716A4F



383236



780055



F700AF

Previews

White Background



This preview shows how the Hex color 4F6771 looks on a white background.

Color Contrast Check

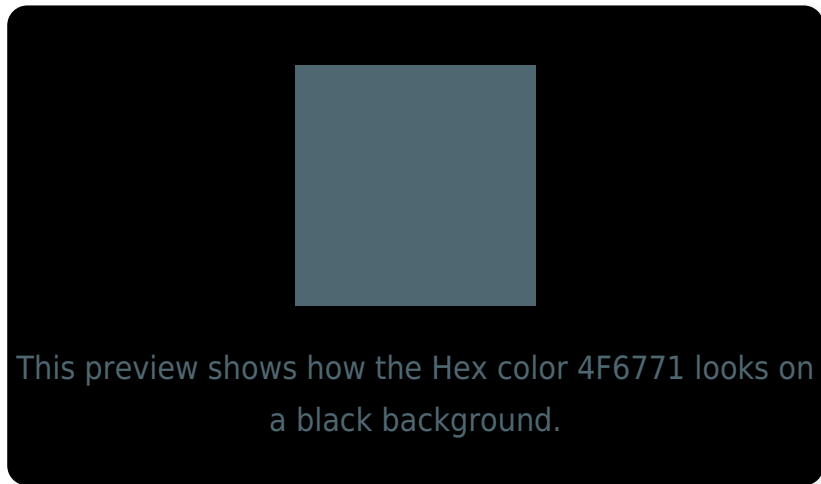
Large Text (above 18pt) WCAG AA ✓ Pass

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

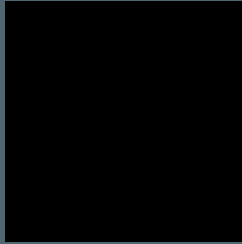
Any Text WCAG AA × Fail

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 4F6771 Background



This preview shows how black text looks on a background with the Hex color 4F6771.



This preview shows how white text looks on a background with the Hex color 4F6771.

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
4F6771

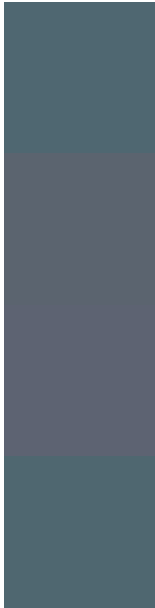
Protanopia
62626E

Deuteranopia
656172



Tritanopia
4F6770

Trichromacy



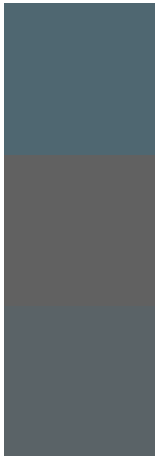
Original Color
4F6771

Protanomaly
5B646F

Deuteranomaly
5D6372

Tritanomaly
4F6770

Monochromacy



Original Color
4F6771

Achromatopsia
616161

Achromatomaly
5A6367

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F6771 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 #4F6771 looks like.

```
.text, #text, p{  
    color:#4F6771  
}
```

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 #4F6771 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F6771  
}
```

Border

The CSS property to change the border of an element to Hex 4F6771 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  
#4F6771 }
```

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

```
.border{ border-color:#4F6771 }
```

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

Here you see how a box with a 4 pixel #4F6771 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F6771; -webkit-box-shadow:4px 4px  
4px 4px #4F6771; box-shadow:4px 4px 4px  
4px #4F6771 }
```

Background

The CSS property to change the background color of an element to Hex 4F6771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F6771 }
```

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

```
.background{ background-color:#4F6771 }
```

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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