

Converting Colors

Hex(4F7171)

Have a look what the booklet for
Hex(4F7171) contains.

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Color

Hex(4F7171)

Conversions

Conversions Part 1

Format	Color
Hex	4F7171
RGB	79, 113, 113
RGB Percent	31%, 44%, 44%
CMY	0.6902, 0.5569, 0.5569
CMYK	0.30, 0.00, 0.00, 0.56
HSL	180°, 18%, 38%
HSV	180°, 30%, 44%
XYZ	12.1102, 14.6648, 17.8151
YIQ	102.8340, -20.2640, -7.2080

Conversions

Conversions Part 2

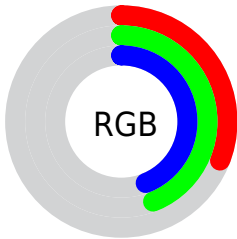
Format	Color
RYB	79, 96, 113
Decimal	5206385
CIELab	45.17, -12.07, -3.92
CIELCh	45, 12.693, 197.991
Yxy	14.6648, 0.2716, 0.3289
Android (android.graphics.Color)	4283396465 (0xFF4F7171)
YUV	102.8340, 5.0118, -20.9024
Hunter-Lab	38.2946, -10.5671, -0.7762

Details

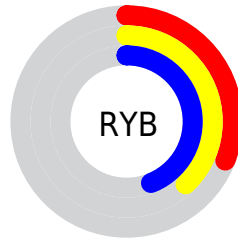
The Hex color **4F7171** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **714F4F**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **81A5A5**, and **204141** is the 20% darker color. If you saturate the color by 10%, you get **447171**, and if you desaturate by 10%, it is **5A7171**.

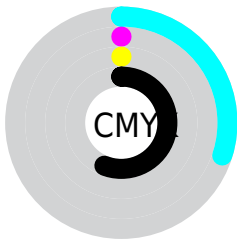
Distribution



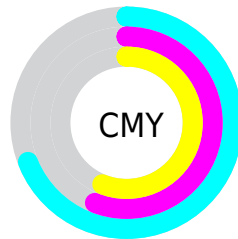
- Red (31%)
- Green (44%)
- Blue (44%)



- Red (31%)
- Yellow (38%)
- Blue (44%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 4F7171 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 4F7171 by changing the saturation by 10% instead.



4F7171



4F7171

FFFFFF



375859



81A5A5



204141



9CC0C0



072B2B



B7DCDC



001717



D3F8F8



000000



FFFFFF



4F7171



4F7171



447171



5A7171



387171



667171

■ 2D7171

■ 717171

■ 227171

■ 7C7171

■ 177171

■ 887171

■ 0B7171

■ 937171

■ 007171

■ 9E7171

■ A97171

■ B57171

Harmonies

Analogous

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



557166



4F7171



50707A

Triad

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



4F7171



746679



776956

Complementary

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



4F7171



714F4F

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.



7F665C



4F7171



7E6470

Square

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



4F7171



676A7F



816465



6C6C57

Rectangle

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



4F7171



566E7E



816465



7A6858

Sweetspot

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



4F7171



879494



4F714F



424A4A



C9C9C9



4A4A4A

Same Dimension

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



4F7171



5F9494



4F6071



323838



007878



00F7F7

Inverse Universe

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



714F71



945F94



71604F



383238



780078



F700F7

Previews

White Background



This preview shows how the Hex color 4F7171 looks on a white background.

Color Contrast Check

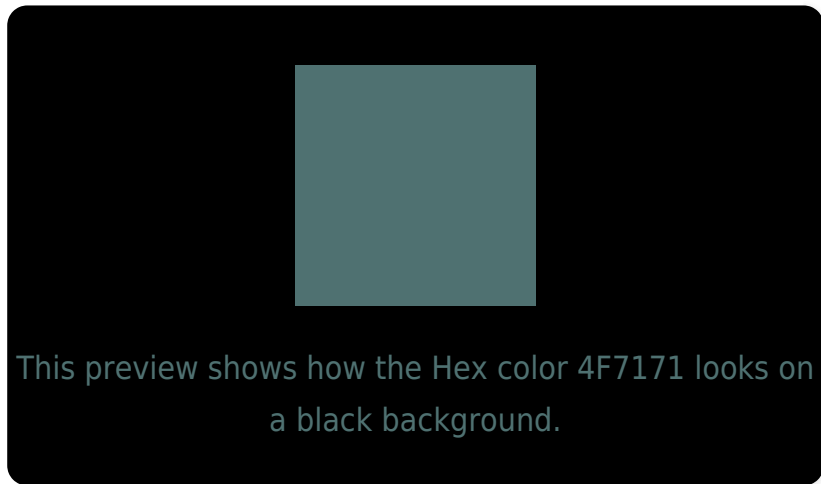
Large Text (above 18pt) WCAG AA ✓ Pass

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

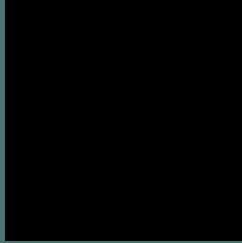
Any Text WCAG AA × Fail

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 4F7171 Background



This preview shows how black text looks on a background with the Hex color 4F7171.

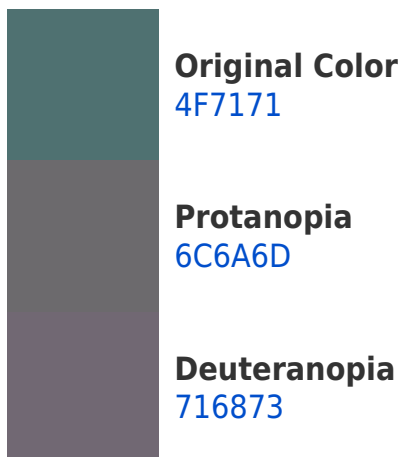


This preview shows how white text looks on a background with the Hex color 4F7171.

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](#).

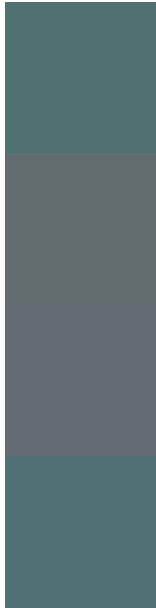
Dichromacy





Tritanopia
517079

Trichromacy



Original Color
4F7171

Protanomaly
616D6E

Deuteranomaly
656B72

Tritanomaly
507076

Monochromacy



Original Color
4F7171

Achromatopsia
676767

Achromatomaly
5E6B6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F7171 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 #4F7171 looks like.

```
.text, #text, p{  
    color:#4F7171  
}
```

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 #4F7171 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7171
}
```

Border

The CSS property to change the border of an element to Hex 4F7171 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
#4F7171 }
```

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

```
.border{ border-color:#4F7171 }
```

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

Here you see how a box with a 4 pixel #4F7171 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7171; -webkit-box-shadow:4px 4px  
4px 4px #4F7171; box-shadow:4px 4px 4px  
4px #4F7171 }
```

Background

The CSS property to change the background color of an element to Hex 4F7171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7171 }
```

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

```
.background{ background-color:#4F7171 }
```

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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