

Converting Colors

Hex(4F6769)

Have a look what the booklet for
Hex(4F6769) contains.

Hex(4F6769)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4F6769)

Conversions

Conversions Part 1

Format	Color
Hex	4F6769
RGB	79, 103, 105
RGB Percent	31%, 40%, 41%
CMY	0.6902, 0.5961, 0.5882
CMYK	0.25, 0.02, 0.00, 0.59
HSL	185°, 14%, 36%
HSV	185°, 25%, 41%
XYZ	10.6245, 12.3827, 15.1947
YIQ	96.0520, -14.9460, -4.4660

Conversions

Conversions Part 2

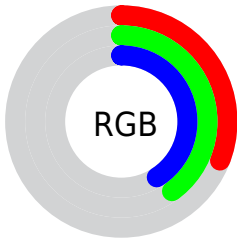
Format	Color
R_{YB}	79, 91, 105
Decimal	5203817
CIE _{Lab}	41.82, -8.36, -4.05
CIE _{LCh}	42, 9.289, 205.867
Yxy	12.3827, 0.2781, 0.3241
Android (android.graphics.Color)	4283393897 (0xFF4F6769)
YUV	96.0520, 4.4114, -14.9546
Hunter-Lab	35.1890, -7.6869, -0.9693

Details

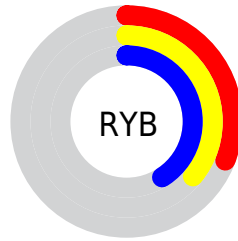
The Hex color **4F6769** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **69514F**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **819A9C**, and **21383A** is the 20% darker color. If you saturate the color by 10%, you get **456669**, and if you desaturate by 10%, it is **5A6869**.

Distribution



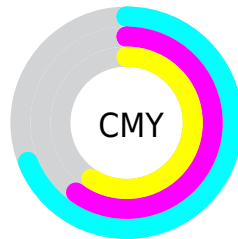
- Red (31%)
- Green (40%)
- Blue (41%)



- Red (31%)
- Yellow (36%)
- Blue (41%)



- Cyan (25%)
- Magenta (2%)
- Yellow (0%)
- Black (59%)



- Cyan (69%)
- Magenta (60%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F6769 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 4F6769 by changing the saturation by 10% instead.



4F6769



4F6769

FFFFFF



384F51



819A9C



21383A



9BB5B7



0B2324



B6D0D3



000D0F



D2EDEF



000000



EEFFFF



4F6769



4F6769



456669



5A6869



3A6569



646969

■ 306569

■ 6F6969

■ 256469

■ 796A69

■ 1A6369

■ 846B69

■ 106269

■ 8E6C69

■ 066169

■ 996D69

■ 006169

■ A36D69

■ AD6E69

Harmonies

Analogous

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



526761



4F6769



52666F

Triad

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



4F6769



6C5F6B



6A6254

Complementary

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



4F6769



69514F

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.



705F56



4F6769



715E64

Square

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



4F6769



636170



735E5C



626455

Rectangle

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



4F6769



566471



735E5C



6C6154

Sweetspot

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



4F6769



80898A



4F6951



3F4445



C4C4C4



454545

Same Dimension

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



4F6769



60878A



4F5A69



303536



006C75



00E2F5

Inverse Universe

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



694F67



8A6087



695E4F



363035



75006C



F500E2

Previews

White Background



This preview shows how the Hex color 4F6769 looks on a white background.

Color Contrast Check

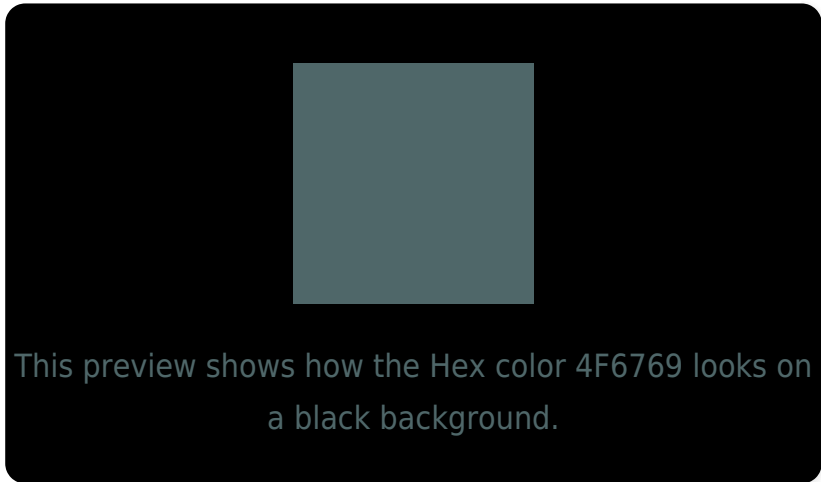
Large Text (above 18pt) WCAG AA ✓ Pass

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

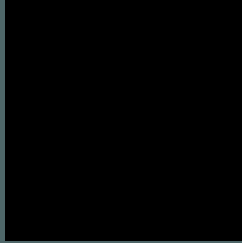
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

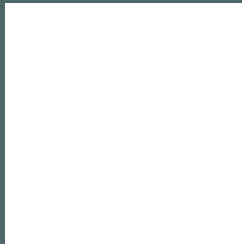
Any Text WCAG AAA × Fail

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

Hex 4F6769 Background



This preview shows how black text looks on a background with the Hex color 4F6769.



This preview shows how white text looks on a background with the Hex color 4F6769.

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


4F6769

Protanopia

636266

Deuteranopia

68606B



Tritanopia
50666E

Trichromacy



Original Color
4F6769

Protanomaly
5C6467

Deuteranomaly
5F636A

Tritanomaly
50666C

Monochromacy



Original Color
4F6769

Achromatopsia
606060

Achromatomaly
5A6363

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F6769 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 #4F6769 looks like.

```
.text, #text, p{  
    color:#4F6769  
}
```

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 #4F6769 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F6769
}
```

Border

The CSS property to change the border of an element to Hex 4F6769 is called "border". The border property can be set on classes, ids or directly on the HTML element.

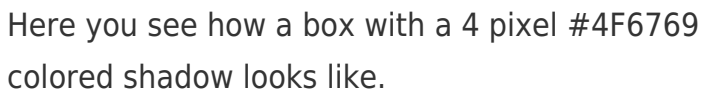
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F6769 }
```

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

```
.border{ border-color:#4F6769 }
```

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



Here you see how a box with a 4 pixel #4F6769 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F6769; -webkit-box-shadow:4px 4px  
4px 4px #4F6769; box-shadow:4px 4px 4px  
4px #4F6769 }
```

Background

The CSS property to change the background color of an element to Hex 4F6769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F6769 }
```

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

```
.background{ background-color:#4F6769 }
```

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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