

Converting Colors

Hex(4F664F)

Have a look what the booklet for
Hex(4F664F) contains.

Hex(4F664F)	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(4F664F)

Conversions

Conversions Part 1

Format	Color
Hex	4F664F
RGB	79, 102, 79
RGB Percent	31%, 40%, 31%
CMY	0.6902, 0.6000, 0.6902
CMYK	0.23, 0.00, 0.23, 0.60
HSL	120°, 13%, 35%
HSV	120°, 23%, 40%
XYZ	9.3871, 11.7295, 9.1664
YIQ	92.5010, -6.3250, -12.0290

Conversions

Conversions Part 2

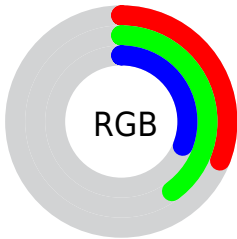
Format	Color
R_{YB}	79, 102, 102
Decimal	5203535
CIE _{Lab}	40.78, -13.64, 10.25
CIE _{LCh}	41, 17.057, 143.077
Yxy	11.7295, 0.3100, 0.3873
Android (android.graphics.Color)	4283393615 (0xFF4F664F)
YUV	92.5010, -6.6560, -11.8404
Hunter-Lab	34.2484, -11.0098, 8.1052

Details

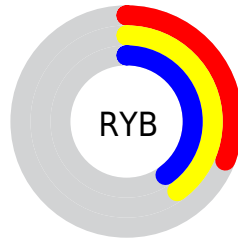
The Hex color **4F664F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **664F66**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **819980**, and **223723** is the 20% darker color. If you saturate the color by 10%, you get **456645**, and if you desaturate by 10%, it is **596659**.

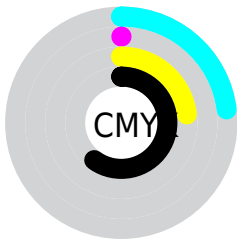
Distribution



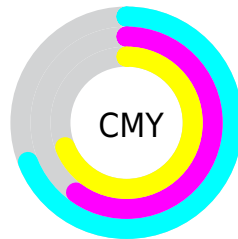
- Red (31%)
- Green (40%)
- Blue (31%)



- Red (31%)
- Yellow (40%)
- Blue (40%)



- Cyan (23%)
- Magenta (0%)
- Yellow (23%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 4F664F 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 4F664F by changing the saturation by 10% instead.



4F664F



4F664F

FFFFFF



384E38



819980



223723



9BB49A



0D210D



B6CFB5



000500



D1ECD1



000000



EEFFED



4F664F



4F664F



456645



596659



3B663B



636663

■ 306630

■ 6E666E

■ 266626

■ 786678

■ 1C661C

■ 826682

■ 126612

■ 8C668C

■ 086608

■ 966696

■ 006600

■ A166A1

■ AB66AB

Harmonies

Analogous

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



5F6346



4F664F



40685C

Triad

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



4F664F



4A627C



7D5656

Complementary

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



4F664F



664F66

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.



7A5664



4F664F



5E5E7A

Square

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



4F664F



3B6676



6F5971



785A4A

Rectangle

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



4F664F



396866



6F5971



7C565A

Sweetspot

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



4F664F



7B857B



66664F



3D423D



C2C2C2



424242

Same Dimension

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



4F664F



618561



4F665B



2E332E



007300



00F200

Inverse Universe

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



664F66



856185



664F5B



332E33



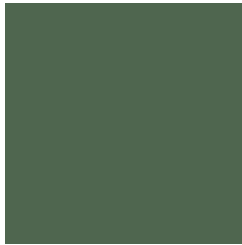
730073



F200F2

Previews

White Background



This preview shows how the Hex color 4F664F looks on a white background.

Color Contrast Check

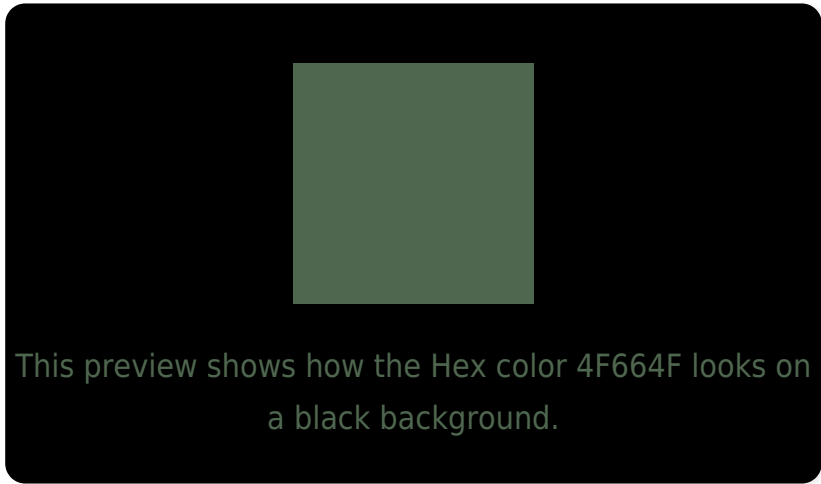
Large Text (above 18pt) WCAG AA ✓ Pass

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

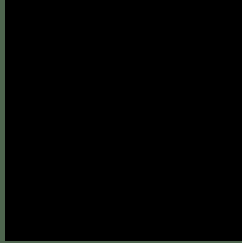
Any Text WCAG AA × Fail

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 4F664F Background



This preview shows how black text looks on a background with the Hex color 4F664F.

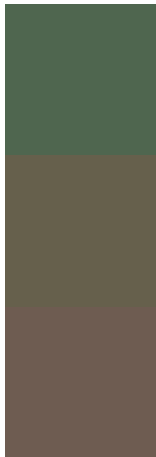


This preview shows how white text looks on a background with the Hex color 4F664F.

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](#).

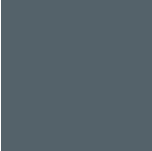
Dichromacy



Original Color
4F664F

Protanopia
66604C

Deuteranopia
6E5C51



Tritanopia
54626A

Trichromacy



Original Color
4F664F

Protanomaly
5E624D

Deuteranomaly
636050

Tritanomaly
526360

Monochromacy



Original Color
4F664F

Achromatopsia
5D5D5D

Achromatomaly
586058

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F664F 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 #4F664F looks like.

```
.text, #text, p{  
    color:#4F664F  
}
```

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 #4F664F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F664F
}
```

Border

The CSS property to change the border of an element to Hex 4F664F 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
#4F664F }
```

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

```
.border{ border-color:#4F664F }
```

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

Here you see how a box with a 4 pixel #4F664F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F664F; -webkit-box-shadow:4px 4px  
4px 4px #4F664F; box-shadow:4px 4px 4px  
4px #4F664F }
```

Background

The CSS property to change the background color of an element to Hex 4F664F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F664F }
```

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

```
.background{ background-color:#4F664F }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor