

Converting Colors

Hex(46764F)

Have a look what the booklet for
Hex(46764F) contains.

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Color

Hex(46764F)

Conversions

Conversions Part 1

Format	Color
Hex	46764F
RGB	70, 118, 79
RGB Percent	27%, 46%, 31%
CMY	0.7255, 0.5373, 0.6902
CMYK	0.41, 0.00, 0.33, 0.54
HSL	131°, 26%, 37%
HSV	131°, 41%, 46%
XYZ	10.4155, 14.8235, 9.7094
YIQ	99.2020, -16.0890, -22.3050

Conversions

Conversions Part 2

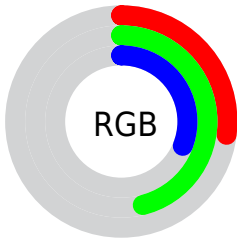
Format	Color
RYB	70, 110, 118
Decimal	4617807
CIELab	45.39, -25.35, 16.49
CIELCh	45, 30.245, 146.950
Yxy	14.8235, 0.2980, 0.4242
Android (android.graphics.Color)	4282807887 (0xFF46764F)
YUV	99.2020, -9.9596, -25.6102
Hunter-Lab	38.5013, -19.0887, 11.9989

Details

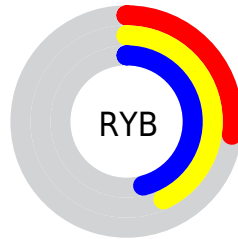
The Hex color **46764F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **76466D**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **79AB80**, and **154522** is the 20% darker color. If you saturate the color by 10%, you get **3A7645**, and if you desaturate by 10%, it is **527659**.

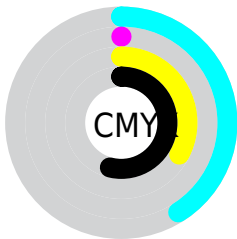
Distribution



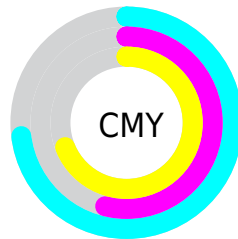
- Red (27%)
- Green (46%)
- Blue (31%)



- Red (27%)
- Yellow (43%)
- Blue (46%)



- Cyan (41%)
- Magenta (0%)
- Yellow (33%)
- Black (54%)



- Cyan (73%)
- Magenta (54%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46764F 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 46764F by changing the saturation by 10% instead.



46764F



46764F

FFFFFF



2E5D38



79AB80



154522



93C69A



002E0D



AEE2B5



001B00



CAFFD1



000000



E6FFED



46764F



46764F



3A7645



527659



2E763C



5E7662

 237632

 69766C

 177629

 757675

 0B761F

 81767F

 007616

 8D7689

 997692

 A4769C

 B076A5

Harmonies

Analogous

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



64713D



46764F



1E7968

Triad

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



46764F



3F6F9E



9B5956

Complementary

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



46764F



76466D

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.



99576F



46764F



6A6698

Square

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



46764F



007595



895D87



916042

Rectangle

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



46764F



007979



895D87



9C585E

Sweetspot

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



46764F



87998A



6D7646



424D44



CCCCCC



4D4D4D

Same Dimension

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



46764F



4E995C



467667



353B36



007A17



00FA2F

Inverse Universe

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



76466D



994E8B



764655



3B353A



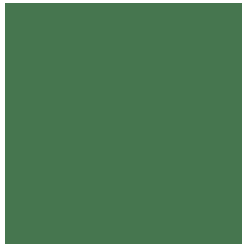
7A0063



FA00CB

Previews

White Background



This preview shows how the Hex color 46764F looks on a white background.

Color Contrast Check

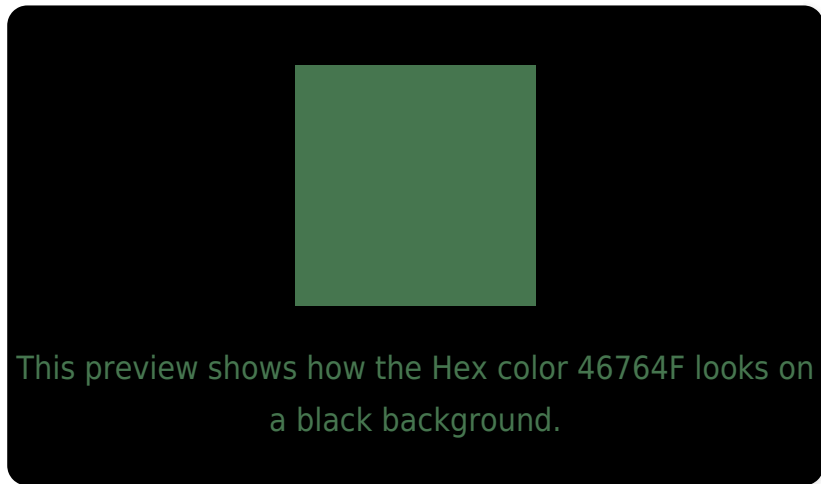
Large Text (above 18pt) WCAG AA ✓ Pass

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

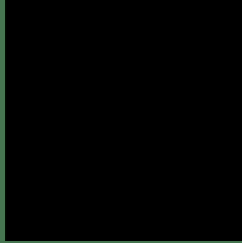
Any Text WCAG AA × Fail

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 46764F Background



This preview shows how black text looks on a background with the Hex color 46764F.



This preview shows how white text looks on a background with the Hex color 46764F.

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
46764F

Protanopia
746B4A

Deuteranopia
7E6752



Tritanopia
4F717A

Trichromacy



Original Color
46764F

Protanomaly
636F4C

Deuteranomaly
6A6C51

Tritanomaly
4C736A

Monochromacy



Original Color
46764F

Achromatopsia
636363

Achromatomaly
586A5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 46764F 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 #46764F looks like.

```
.text, #text, p{  
    color:#46764F  
}
```

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 #46764F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46764F
}
```

Border

The CSS property to change the border of an element to Hex 46764F 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
#46764F }
```

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

```
.border{ border-color:#46764F }
```

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

Here you see how a box with a 4 pixel #46764F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46764F; -webkit-box-shadow:4px 4px  
4px 4px #46764F; box-shadow:4px 4px 4px  
4px #46764F }
```

Background

The CSS property to change the background color of an element to Hex 46764F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46764F }
```

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

```
.background{ background-color:#46764F }
```

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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