

Converting Colors

Hex(447F66)

Have a look what the booklet for
Hex(447F66) contains.

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Color

Hex(447F66)

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 447F66 |
| RGB | 68, 127, 102 |
| RGB Percent | 27%, 50%, 40% |
| CMY | 0.7333, 0.5020, 0.6000 |
| CMYK | 0.46, 0.00, 0.20, 0.50 |
| HSL | 155°, 30%, 38% |
| HSV | 155°, 46%, 50% |
| XYZ | 12.3715, 17.3670, 15.2705 |
| YIQ | 106.5090, -27.1390, -20.2830 |

Conversions

Conversions Part 2

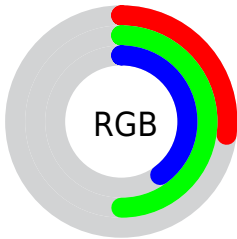
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 68, 105, 127 |
| Decimal | 4489062 |
| CIELab | 48.72, -25.57, 7.67 |
| CIELCh | 49, 26.694, 163.293 |
| Yxy | 17.3670, 0.2749, 0.3859 |
| Android (android.graphics.Color) | 4282679142 (0xFF447F66) |
| YUV | 106.5090, -2.2229, -33.7724 |
| Hunter-Lab | 41.6737, -19.9383, 7.4460 |

Details

The Hex color **447F66** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7F445D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **78B499**, and **0E4D37** is the 20% darker color. If you saturate the color by 10%, you get **377F61**, and if you desaturate by 10%, it is **517F6B**.

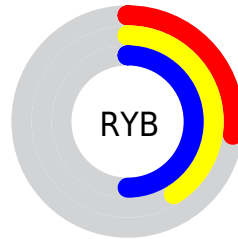
Distribution



Red (27%)

Green (50%)

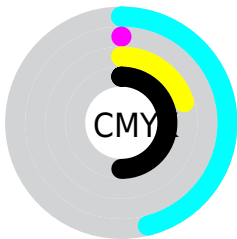
Blue (40%)



Red (27%)

Yellow (41%)

Blue (50%)

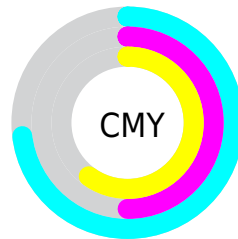


Cyan (46%)

Magenta (0%)

Yellow (20%)

Black (50%)



Cyan (73%)

Magenta (50%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 447F66 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 447F66 by changing the saturation by 10% instead.

 447F66

 447F66

FFFFFF

 2A664E

 78B499

 0E4D37

 92D0B4

 003622

 AECCCF

 00210C

 CAFFEC

 000000

 E6FFFF

 447F66

 447F66

 377F61

 517F6B

 2B7F5B

 5D7F71

■ 1E7F56

■ 6A7F76

■ 117F50

■ 777F7C

■ 047F4B

■ 847F81

■ 007F49

■ 907F86

■ 9D7F8C

■ AA7F91

■ B67F96

Harmonies

Analogous

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



607B52



447F66



28807D

Triad

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



447F66



64729F



9C6756

Complementary

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



447F66



7F445D

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.



A0636A



447F66



836A95

Square

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



447F66



3F7A9E



986481



8E6E49

Rectangle

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



447F66



1E7F8C



986481



9F655C

Sweetspot

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



447F66



8FA69C



5E7F44



46544E



D4D4D4



545454

Same Dimension

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



447F66



49A67E



447B7F



39403D



008049



000000

Inverse Universe

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



7F445D



A64970



7F4844



40393C



800036



000000

Previews

White Background



This preview shows how the Hex color 447F66 looks on a white background.

Color Contrast Check

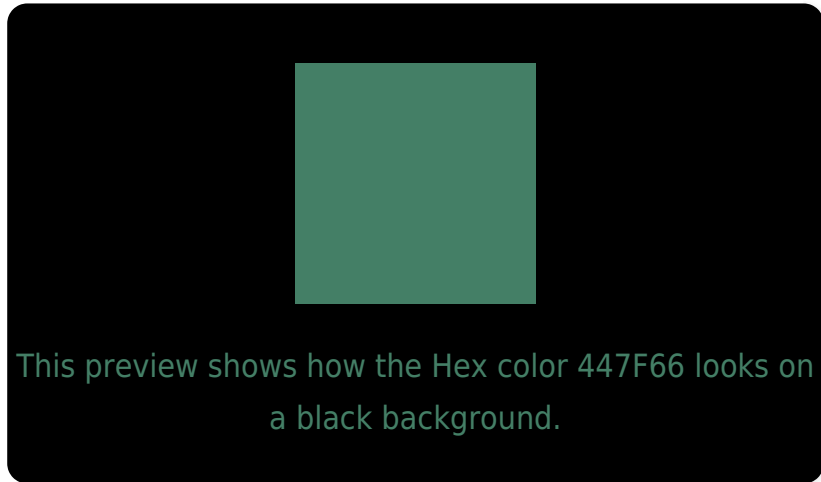
Large Text (above 18pt) WCAG AA ✓ Pass

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

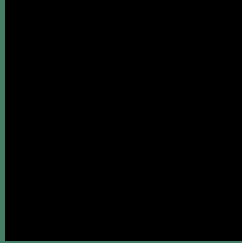
Any Text WCAG AA × Fail

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 447F66 Background



This preview shows how black text looks on a background with the Hex color 447F66.

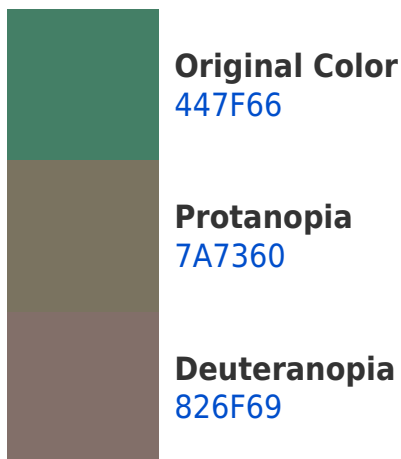


This preview shows how white text looks on a background with the Hex color 447F66.

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
4C7B85

Trichromacy



Original Color
447F66

Protanomaly
667762

Deuteranomaly
6B7568

Tritanomaly
497C7A

Monochromacy



Original Color
447F66

Achromatopsia
6B6B6B

Achromatomaly
5D7269

CSS Examples

Text

The CSS property to change the color of the text to Hex 447F66 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 #447F66 looks like.

```
.text, #text, p{  
    color:#447F66  
}
```

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 #447F66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #447F66  
}
```

Border

The CSS property to change the border of an element to Hex 447F66 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  
#447F66 }
```

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

```
.border{ border-color:#447F66 }
```

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

Here you see how a box with a 4 pixel #447F66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #447F66; -webkit-box-shadow:4px 4px  
4px 4px #447F66; box-shadow:4px 4px 4px  
4px #447F66 }
```

Background

The CSS property to change the background color of an element to Hex 447F66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#447F66 }
```

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

```
.background{ background-color:#447F66 }
```

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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