

Converting Colors

Hex(457F6C)

Have a look what the booklet for
Hex(457F6C) contains.

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Color

Hex(457F6C)

Conversions

Conversions Part 1

Format	Color
Hex	457F6C
RGB	69, 127, 108
RGB Percent	27%, 50%, 42%
CMY	0.7294, 0.5020, 0.5765
CMYK	0.46, 0.00, 0.15, 0.50
HSL	160°, 30%, 38%
HSV	160°, 46%, 50%
XYZ	12.7504, 17.5267, 16.8983
YIQ	107.4920, -28.4690, -18.2050

Conversions

Conversions Part 2

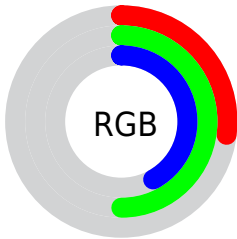
Format	Color
R _{YB}	69, 104, 127
Decimal	4554604
CIE Lab	48.92, -23.86, 4.45
CIE LCh	49, 24.269, 169.443
Yxy	17.5267, 0.2703, 0.3715
Android (android.graphics.Color)	4282744684 (0xFF457F6C)
YUV	107.4920, 0.2504, -33.7575
Hunter-Lab	41.8649, -18.8994, 5.3736

Details

The Hex color **457F6C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7F4558**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **79B49F**, and **0F4D3D** is the 20% darker color. If you saturate the color by 10%, you get **387F68**, and if you desaturate by 10%, it is **527F70**.

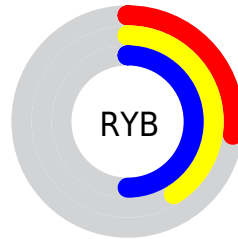
Distribution



Red (27%)

Green (50%)

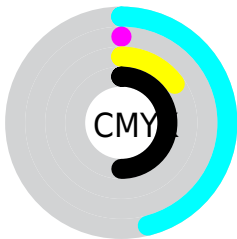
Blue (42%)



Red (27%)

Yellow (41%)

Blue (50%)

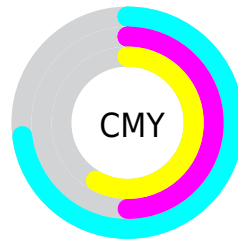


Cyan (46%)

Magenta (0%)

Yellow (15%)

Black (50%)



Cyan (73%)

Magenta (50%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 457F6C 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 457F6C by changing the saturation by 10% instead.



457F6C



457F6C

FFFFFF



2B6654



79B49F



0F4D3D



93D0BA



003627



AFECD6



002112



CBFFF2



000000



E7FFFF



457F6C



457F6C



387F68



527F70



2C7F64



5E7F74

■ 1F7F60

■ 6B7F78

■ 127F5B

■ 787F7D

■ 057F57

■ 847F81

■ 007F55

■ 917F85

■ 9E7F89

■ AB7F8D

■ B77F91

Harmonies

Analogous

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



5D7C59



457F6C



317F81

Triad

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



457F6C



6D729B



976A56

Complementary

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



457F6C



7F4558

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.



9D6568



457F6C



876A8F

Square

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



457F6C



4E789C



98657C



89704C

Rectangle

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



457F6C



2F7E8E



98657C



9A685B

Sweetspot

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



457F6C



8FA69E



587F45



46544F



D4D4D4



545454

Same Dimension

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



457F6C



4BA688



45757F



39403E



008056



000000

Inverse Universe

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



7F4558



A64B68



7F4F45



40393B



80002A



000000

Previews

White Background



This preview shows how the Hex color 457F6C looks on a white background.

Color Contrast Check

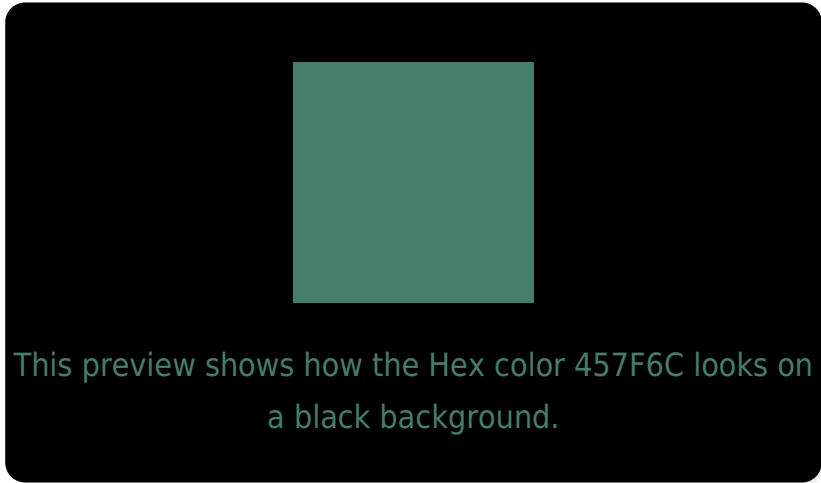
Large Text (above 18pt) WCAG AA ✓ Pass

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

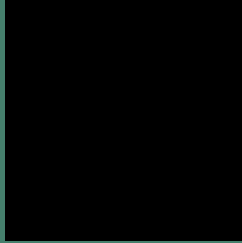
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 457F6C Background



This preview shows how black text looks on a background with the Hex color 457F6C.

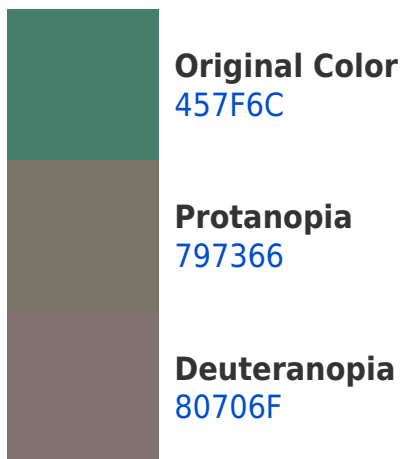


This preview shows how white text looks on a background with the Hex color 457F6C.

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
457F6C

Protanomaly
667768

Deuteranomaly
6B756E

Tritanomaly
497C7C

Monochromacy



Original Color
457F6C

Achromatopsia
6B6B6B

Achromatomaly
5D726B

CSS Examples

Text

The CSS property to change the color of the text to Hex 457F6C 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 #457F6C looks like.

```
.text, #text, p{  
    color:#457F6C  
}
```

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 #457F6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #457F6C
}
```

Border

The CSS property to change the border of an element to Hex 457F6C 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
#457F6C }
```

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

```
.border{ border-color:#457F6C }
```

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

Here you see how a box with a 4 pixel #457F6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #457F6C; -webkit-box-shadow:4px 4px  
4px 4px #457F6C; box-shadow:4px 4px 4px  
4px #457F6C }
```

Background

The CSS property to change the background color of an element to Hex 457F6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#457F6C }
```

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

```
.background{ background-color:#457F6C }
```

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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