

Converting Colors

Hex(467F77)

Have a look what the booklet for
Hex(467F77) contains.

Hex(467F77)	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(467F77)

Conversions

Conversions Part 1

Format	Color
Hex	467F77
RGB	70, 127, 119
RGB Percent	27%, 50%, 47%
CMY	0.7255, 0.5020, 0.5333
CMYK	0.45, 0.00, 0.06, 0.50
HSL	172°, 29%, 39%
HSV	172°, 45%, 50%
XYZ	13.4449, 17.8127, 20.1823
YIQ	109.0450, -31.4040, -14.5720

Conversions

Conversions Part 2

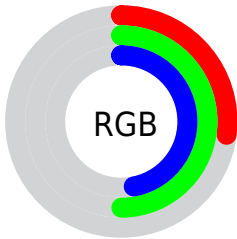
Format	Color
RYB	70, 101, 127
Decimal	4620151
CIELab	49.27, -20.81, -1.50
CIElCh	49, 20.861, 184.130
Yxy	17.8127, 0.2614, 0.3463
Android (android.graphics.Color)	4282810231 (0xFF467F77)
YUV	109.0450, 4.9078, -34.2425
Hunter-Lab	42.2051, -16.9958, 1.1913

Details

The Hex color **467F77** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7F464E**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7AB4AB**, and **104E47** is the 20% darker color. If you saturate the color by 10%, you get **397F75**, and if you desaturate by 10%, it is **537F79**.

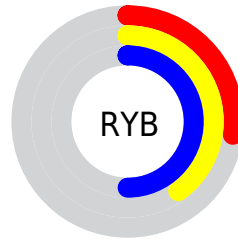
Distribution



Red (27%)

Green (50%)

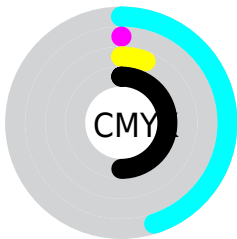
Blue (47%)



Red (27%)

Yellow (40%)

Blue (50%)

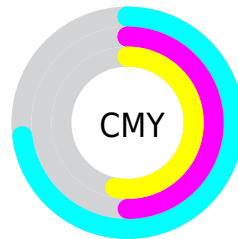


Cyan (45%)

Magenta (0%)

Yellow (6%)

Black (50%)



Cyan (73%)

Magenta (50%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 467F77 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 467F77 by changing the saturation by 10% instead.

 467F77

 467F77

FFFFFF

 2C665E

 7AB4AB

 104E47

 95D0C6

 003630

 B0ECE2

 00211C

 CCFFFF

 000001

 E9FFFF

 000000

 467F77

 467F77

 397F75

 537F79

 2D7F73

 5F7F7B

■ 207F72

■ 6C7F7C

■ 137F70

■ 797F7E

■ 077F6E

■ 857F80

■ 007F6D

■ 927F82

■ 9F7F83

■ AC7F85

■ B87F87

Harmonies

Analogous

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



587E65



467F77



3F7E88

Triad

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



467F77



7B7092



8F6F56

Complementary

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



467F77



7F464E

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.



986A62



467F77



8E6A85

Square

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



467F77



627698



986873



7F7552

Rectangle

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



467F77



457C91



986873



936D59

Sweetspot

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



467F77



90A6A3



4F7F46



475452



D4D4D4



545454

Same Dimension

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



467F77



4CA699



466B7F



39403F



00806E



000000

Inverse Universe

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



7F464E



A64C59



7F5A46



40393A



800012



000000

Previews

White Background



This preview shows how the Hex color 467F77 looks on a white background.

Color Contrast Check

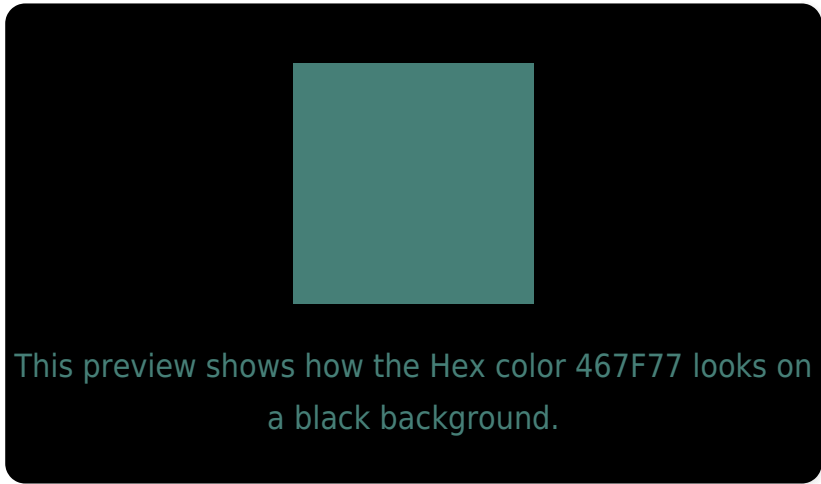
Large Text (above 18pt) WCAG AA ✓ Pass

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

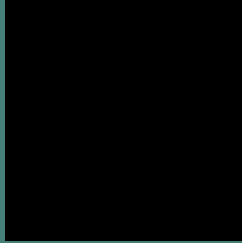
Any Text WCAG AA ✓ Pass

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 467F77 Background



This preview shows how black text looks on a background with the Hex color 467F77.



This preview shows how white text looks on a background with the Hex color 467F77.

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](#).

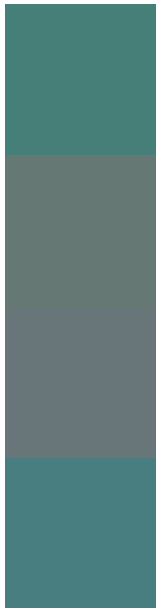
Dichromacy





Tritanopia
4B7D87

Trichromacy



Original Color
467F77

Protanomaly
657873

Deuteranomaly
697679

Tritanomaly
497E81

Monochromacy



Original Color
467F77

Achromatopsia
6D6D6D

Achromatomaly
5F7471

CSS Examples

Text

The CSS property to change the color of the text to Hex 467F77 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 #467F77 looks like.

```
.text, #text, p{  
    color:#467F77  
}
```

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 #467F77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #467F77
}
```

Border

The CSS property to change the border of an element to Hex 467F77 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
#467F77 }
```

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

```
.border{ border-color:#467F77 }
```

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

Here you see how a box with a 4 pixel #467F77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #467F77; -webkit-box-shadow:4px 4px  
4px 4px #467F77; box-shadow:4px 4px 4px  
4px #467F77 }
```

Background

The CSS property to change the background color of an element to Hex 467F77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#467F77 }
```

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

```
.background{ background-color:#467F77 }
```

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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