

Converting Colors

Hex(467776)

Have a look what the booklet for
Hex(467776) contains.

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Color

Hex(467776)

Conversions

Conversions Part 1

Format	Color
Hex	467776
RGB	70, 119, 118
RGB Percent	27%, 47%, 46%
CMY	0.7255, 0.5333, 0.5373
CMYK	0.41, 0.00, 0.01, 0.53
HSL	179°, 26%, 37%
HSV	179°, 41%, 47%
XYZ	12.3926, 15.8037, 19.5368
YIQ	104.2350, -28.8830, -10.6990

Conversions

Conversions Part 2

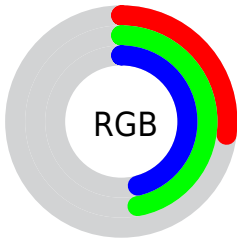
Format	Color
RYB	70, 95, 119
Decimal	4618102
CIELab	46.72, -16.79, -4.67
CIElCh	47, 17.427, 195.557
Yxy	15.8037, 0.2596, 0.3311
Android (android.graphics.Color)	4282808182 (0xFF467776)
YUV	104.2350, 6.7861, -30.0241
Hunter-Lab	39.7539, -13.9250, -1.3099

Details

The Hex color **467776** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **774647**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **79ABAA**, and **124646** is the 20% darker color. If you saturate the color by 10%, you get **3A7776**, and if you desaturate by 10%, it is **527776**.

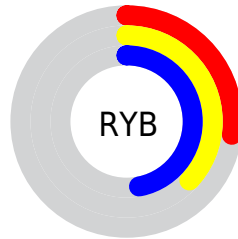
Distribution



Red (27%)

Green (47%)

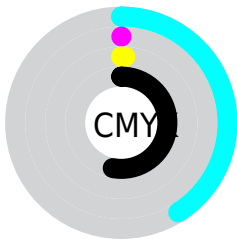
Blue (46%)



Red (27%)

Yellow (37%)

Blue (47%)

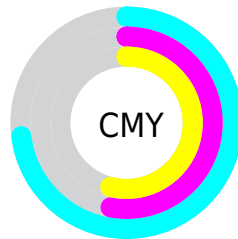


Cyan (41%)

Magenta (0%)

Yellow (1%)

Black (53%)



Cyan (73%)

Magenta (53%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 467776 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 467776 by changing the saturation by 10% instead.

■ 467776

■ 467776

FFFFFF

■ 2D5E5D

■ 79ABAA

■ 124646

■ 94C7C5

■ 003030

■ AFE3E1

■ 001C1B

■ CBFFFE

■ 000000

■ E8FFFF

■ 467776

■ 467776

■ 3A7776

■ 527776

■ 2E7776

■ 5E7776

■ 227775

■ 6A7777

■ 167775

■ 767777

■ 0B7775

■ 827777

■ 007775

■ 8D7777

■ 997778

■ A57778

■ B17778

Harmonies

Analogous

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



517667



467776



467683

Triad

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



467776



7A6883



806B53

Complementary

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



467776



774647

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.



8A675A



467776



886576

Square

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



467776



686D8B



8D6468



727052

Rectangle

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



467776



4E7389



8D6468



846A55

Sweetspot

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



467776



899C9B



487746



444F4F



CFCFCF



4F4F4F

Same Dimension

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



467776



4F9C9A



466077



353B3B



007A78



00FAF5

Inverse Universe

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



774647



9C4F51



775D46



3B3535



7A0002



FA0005

Previews

White Background



This preview shows how the Hex color 467776 looks on a white background.

Color Contrast Check

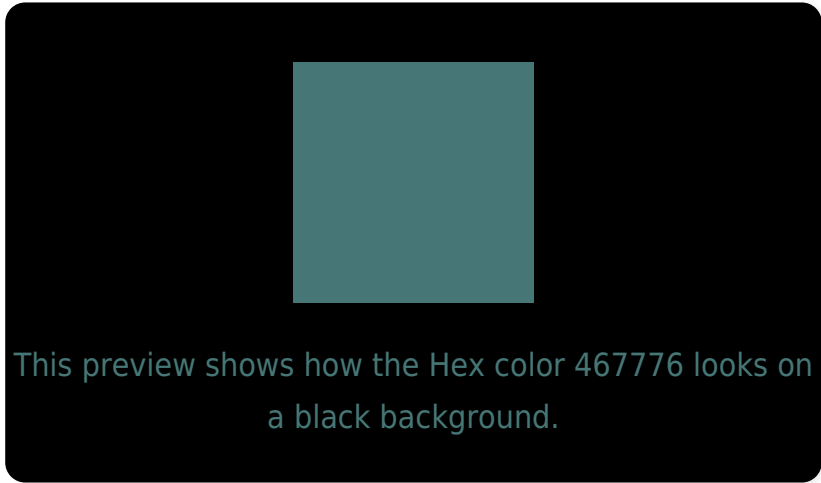
Large Text (above 18pt) WCAG AA ✓ Pass

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

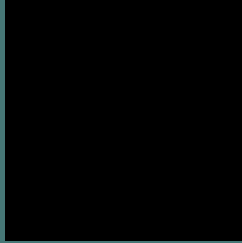
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

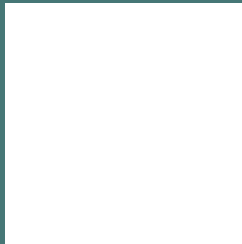
Any Text WCAG AAA × Fail

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

Hex 467776 Background



This preview shows how black text looks on a background with the Hex color 467776.

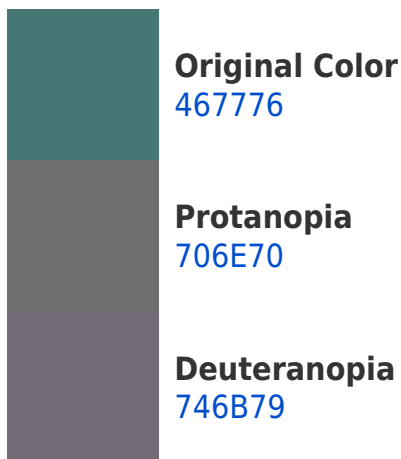



This preview shows how white text looks on a background with the Hex color 467776.

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](#).

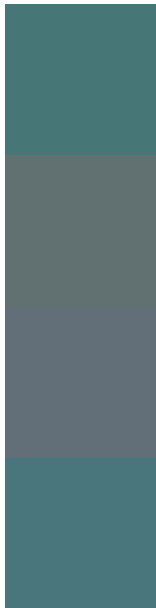
Dichromacy





Tritanopia
49767F

Trichromacy



Original Color
467776

Protanomaly
617172

Deuteranomaly
636F78

Tritanomaly
48767C

Monochromacy



Original Color
467776

Achromatopsia
686868

Achromatomaly
5C6D6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 467776 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 #467776 looks like.

```
.text, #text, p{  
    color:#467776  
}
```

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 #467776 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #467776
}
```

Border

The CSS property to change the border of an element to Hex 467776 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
#467776 }
```

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

```
.border{ border-color:#467776 }
```

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

Here you see how a box with a 4 pixel #467776 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #467776; -webkit-box-shadow:4px 4px  
4px 4px #467776; box-shadow:4px 4px 4px  
4px #467776 }
```

Background

The CSS property to change the background color of an element to Hex 467776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#467776 }
```

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

```
.background{ background-color:#467776 }
```

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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