Converting Colors

Hex(467B7A)

Have a look what the booklet for Hex(467B7A) contains.

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Color

Hex(467B7A)

Conversions

Conversions Part 1

Format	Color
Hex	467B7A
RGB	70, 123, 122
RGB Percent	27%, 48%, 48%
CMY	0.7255, 0.5176, 0.5216
CMYK	0.43, 0.00, 0.01, 0.52
HSL	179°, 27%, 38%
HSV	179°, 43%, 48%
XYZ	13.1216, 16.8731, 20.9776
YIQ	107.0390, -31.2670, -11.5470

Conversions

Conversions Part 2

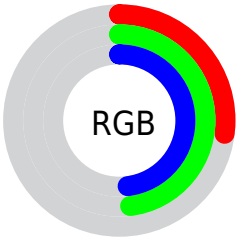
Format	Color
RYB	70, 97, 123
Decimal	4619130
CIELab	48.10, -17.88, -5.00
CIELCh	48, 18.561, 195.613
Yxy	16.8731, 0.2574, 0.3310
Android (android.graphics.Color)	4282809210 (0xFF467B7A)
YUV	107.0390, 7.3758, -32.4832
Hunter-Lab	41.0769, -14.8647, -1.5250

Details

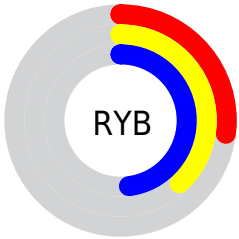
The Hex color 467B7A is a dark color, and the websafe version is hex 336666. A complement of this color would be 7B4647, and the grayscale version is 6B6B6B.

A 20% lighter version of the original color is 7AB0AE, and 104A49 is the 20% darker color. If you saturate the color by 10%, you get 3A7B7A, and if you desaturate by 10%, it is 527B7A.

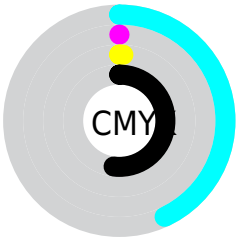
Distribution



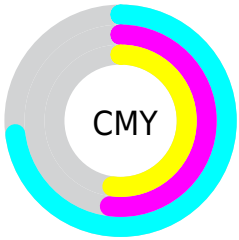
- Red (27%)
- Green (48%)
- Blue (48%)



- Red (27%)
- Yellow (38%)
- Blue (48%)



- Cyan (43%)
- Magenta (0%)
- Yellow (1%)
- Black (52%)



- Cyan (73%)
- Magenta (52%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 467B7A 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 467B7A by changing the saturation by 10% instead.

467B7A	467B7A
FFFFFF	2C6261
7AB0AE	104A49
94CBCA	003333
B0E7E6	001F1E
CCFFFF	000004
E9FFFF	000000

467B7A	467B7A
3A7B7A	527B7A
2D7B7A	5F7B7A

217B79

157B79

087B79

007B79

6B7B7B

777B7B

847B7B

907B7B

9C7B7C

A87B7C

B57B7C

Harmonies

Analogous

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

527A6A

467B7A

467988

Triad

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

467B7A

7F6B88

856F54

Complementary

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

467B7A

7B4647

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.

8F6A5C

467B7A

8D687A

Square

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

467B7A

6A7190

92676A

757454

Rectangle

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

467B7A

4F778E

92676A

896D56

Sweetspot

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

467B7A

8CA1A0

487B46

455251

D1D1D1

525252

Same Dimension

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

467B7A

4DA19F

46627B

373D3D

007D7B

00FCF8

Inverse Universe

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

7B4647

A14D4F

7B5F46

3D3737

7D0002

FC0005

Previews

White Background

This preview shows how the Hex color 467B7A 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

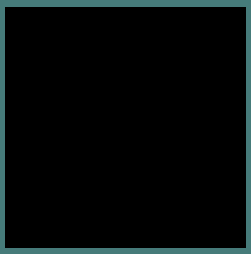
This preview shows how the Hex color 467B7A looks on a black background.

Color Contrast Check

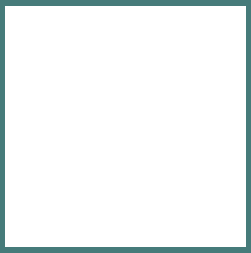
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 467B7A Background



This preview shows how black text looks on a background with the Hex color 467B7A.



This preview shows how white text looks on a background with the Hex color 467B7A.

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
467B7A

Protanopia
737174

Deuteranopia
786F7D

Tritanopia
497A83

Trichromacy

Original Color
467B7A

Protanomaly
637576

Deuteranomaly
66737C

Tritanomaly
487A80

Monochromacy

Original Color
467B7A

Achromatopsia
6B6B6B

Achromatomaly
5E7170

CSS Examples

Text

The CSS property to change the color of the text to Hex 467B7A 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 #467B7A looks like.

```
.text, #text, p{
    color:#467B7A
}
```

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 #467B7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #467B7A
}
```

Border

The CSS property to change the border of an element to Hex 467B7A 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
#467B7A }
```

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

```
.border{ border-color:#467B7A }
```

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

Here you see how a box with a 4 pixel #467B7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #467B7A; -webkit-box-shadow:4px 4px 4px 4px #467B7A; box-shadow:4px 4px 4px 4px #467B7A }
```

Background

The CSS property to change the background color of an element to Hex 467B7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#467B7A }
```

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

```
.background{ background-color:#467B7A }
```

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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