

Converting Colors

Hex(427E8C)

Have a look what the booklet for
Hex(427E8C) contains.

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Color

Hex(427E8C)

Conversions

Conversions Part 1

Format	Color
Hex	427E8C
RGB	66, 126, 140
RGB Percent	26%, 49%, 55%
CMY	0.7412, 0.5059, 0.4510
CMYK	0.53, 0.10, 0.00, 0.45
HSL	191°, 36%, 40%
HSV	191°, 53%, 55%
XYZ	14.4412, 17.9734, 27.5190
YIQ	109.6560, -40.2540, -8.3660

Conversions

Conversions Part 2

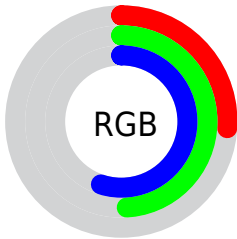
Format	Color
RYB	66, 99, 140
Decimal	4357772
CIELab	49.46, -15.37, -13.58
CIElCh	49, 20.510, 221.470
Yxy	17.9734, 0.2410, 0.2999
Android (android.graphics.Color)	4282547852 (0xFF427E8C)
YUV	109.6560, 14.9596, -38.2863
Hunter-Lab	42.3951, -13.3880, -8.8091

Details

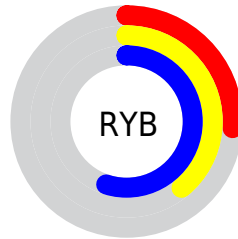
The Hex color **427E8C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8C5042**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **78B3C2**, and **004D5A** is the 20% darker color. If you saturate the color by 10%, you get **347B8C**, and if you desaturate by 10%, it is **50818C**.

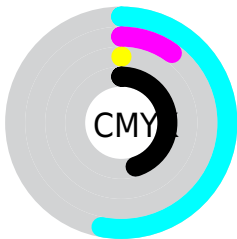
Distribution



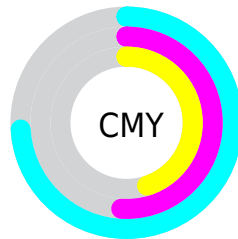
- Red (26%)
- Green (49%)
- Blue (55%)



- Red (26%)
- Yellow (39%)
- Blue (55%)



- Cyan (53%)
- Magenta (10%)
- Yellow (0%)
- Black (45%)



- Cyan (74%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 427E8C 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 427E8C by changing the saturation by 10% instead.

 427E8C

 427E8C

FFFFFF

 266572

 78B3C2

 004D5A

 93CEDD

 003643

 AFEBFA

 00212C

 CBFFFF

 000118

 E8FFFF

 000000

 427E8C

 427E8C

 347B8C

 50818C

 26798C

 5E838C

18768C

6C868C

0A738C

7A898C

00728C

888B8C

968E8C

A4918C

B2938C

C0968C

Harmonies

Analogous

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



457F7C



427E8C



517A96

Triad

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



427E8C



916A81



7B7753

Complementary

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



427E8C



8C5042

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.



8C7155



427E8C



99696F

Square

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



427E8C



816F90



966C5F



687B5B

Rectangle

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



427E8C



617798



966C5F



817553

Sweetspot

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



427E8C



98B0B5



428C50



4A595C



DBDBDB



5C5C5C

Same Dimension

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



427E8C



439FB5



42598C



3E4445



006C85



000405

Inverse Universe

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



8C427E



B5439F



8C7542



453E44



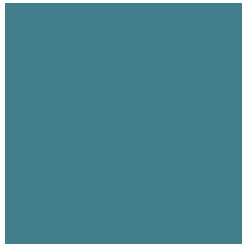
85006C



050004

Previews

White Background



This preview shows how the Hex color 427E8C looks on a white background.

Color Contrast Check

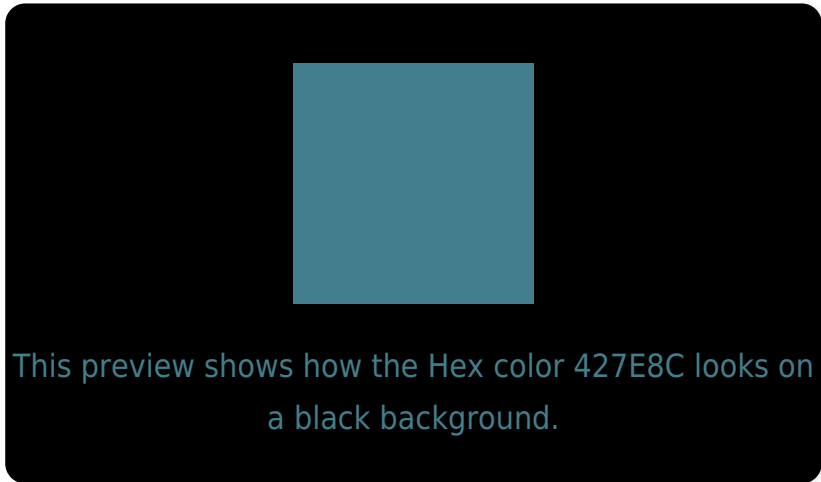
Large Text (above 18pt) WCAG AA ✓ Pass

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

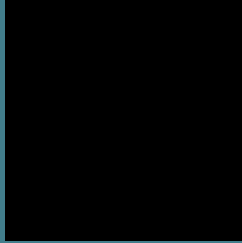
Any Text WCAG AA ✓ Pass

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 427E8C Background



This preview shows how black text looks on a background with the Hex color 427E8C.

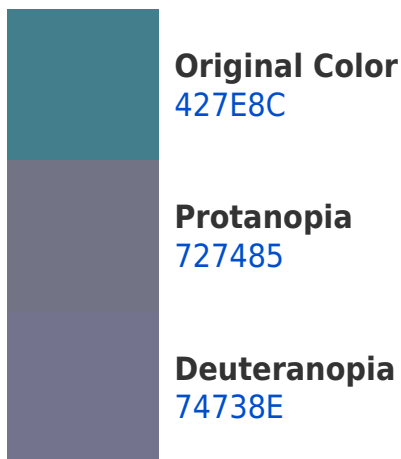


This preview shows how white text looks on a background with the Hex color 427E8C.

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
417F89

Trichromacy



Original Color
427E8C

Protanomaly
617888

Deuteranomaly
62778D

Tritanomaly
417F8A

Monochromacy



Original Color
427E8C

Achromatopsia
6E6E6E

Achromatomaly
5E7479

CSS Examples

Text

The CSS property to change the color of the text to Hex 427E8C 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 #427E8C looks like.

```
.text, #text, p{  
    color:#427E8C  
}
```

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 #427E8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #427E8C
}
```

Border

The CSS property to change the border of an element to Hex 427E8C 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
#427E8C }
```

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

```
.border{ border-color:#427E8C }
```

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

Here you see how a box with a 4 pixel #427E8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #427E8C; -webkit-box-shadow:4px 4px  
4px 4px #427E8C; box-shadow:4px 4px 4px  
4px #427E8C }
```

Background

The CSS property to change the background color of an element to Hex 427E8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#427E8C }
```

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

```
.background{ background-color:#427E8C }
```

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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