

Converting Colors

Hex(427BA3)

Have a look what the booklet for
Hex(427BA3) contains.

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Color

Hex(427BA3)

Conversions

Conversions Part 1

Format	Color
Hex	427BA3
RGB	66, 123, 163
RGB Percent	26%, 48%, 64%
CMY	0.7412, 0.5176, 0.3608
CMYK	0.60, 0.25, 0.00, 0.36
HSL	205°, 42%, 45%
HSV	205°, 60%, 64%
XYZ	15.9406, 17.9685, 37.2784
YIQ	110.5170, -46.8120, 0.3560

Conversions

Conversions Part 2

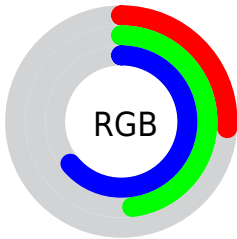
Format	Color
R _Y B	66, 102, 163
Decimal	4357027
CIE Lab	49.46, -6.41, -27.06
CIE LCh	49, 27.805, 256.669
Yxy	17.9685, 0.2239, 0.2524
Android (android.graphics.Color)	4282547107 (0xFF427BA3)
YUV	110.5170, 25.8741, -39.0414
Hunter-Lab	42.3893, -7.0559, -22.4690

Details

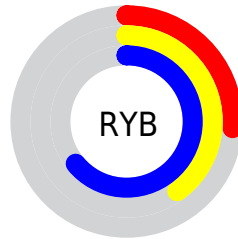
The Hex color **427BA3** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A36A42**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **7AAFDA**, and **004A6F** is the 20% darker color. If you saturate the color by 10%, you get **3274A3**, and if you desaturate by 10%, it is **5282A3**.

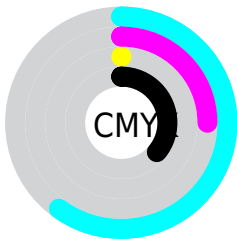
Distribution



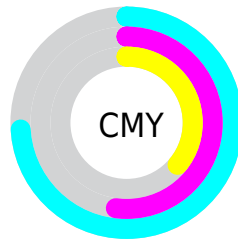
- Red (26%)
- Green (48%)
- Blue (64%)



- Red (26%)
- Yellow (40%)
- Blue (64%)



- Cyan (60%)
- Magenta (25%)
- Yellow (0%)
- Black (36%)



- Cyan (74%)
- Magenta (52%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 427BA3 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 427BA3 by changing the saturation by 10% instead.



427BA3



427BA3

FFFFFF



236289



7AAFDA



004A6F



96CBF7



003456



B2E7FF



001F3F



CFFFFFF



000329



ECFFFF



000113



000000



427BA3



427BA3



3274A3



5282A3

■ 216EA3

■ 6388A3

■ 1167A3

■ 738FA3

■ 0160A3

■ 8396A3

■ 0060A3

■ 949DA3

■ A4A3A3

■ B4AAA3

■ C4B1A3

■ D5B7A3

Harmonies

Analogous

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



1D8097



427BA3



6973A3

Triad

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



427BA3



A46469



5D7E54

Complementary

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



427BA3



A36A42

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.



787848



427BA3



9E6954

Square

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



427BA3



9D6581



8F7148



40826A

Rectangle

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



427BA3



7F6E9B



8F7148



677C4F

Sweetspot

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



427BA3



AEC4D4



42A369



54616B



EBEBEB



6B6B6B

Same Dimension

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



427BA3



3D96D4



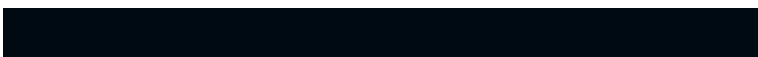
424CA3



494E52



005591



000A12

Inverse Universe

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



A3427B



D43D96



A39942



52494E



910055



12000A

Previews

White Background



This preview shows how the Hex color 427BA3 looks on a white background.

Color Contrast Check

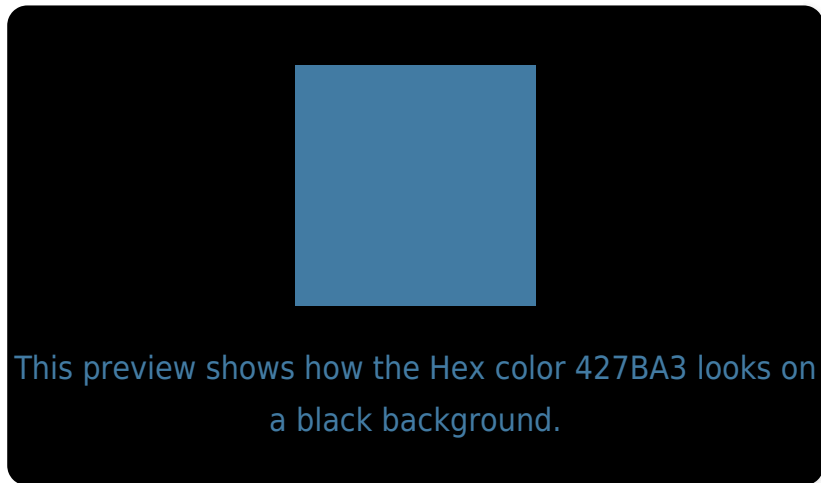
Large Text (above 18pt) WCAG AA ✓ Pass

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

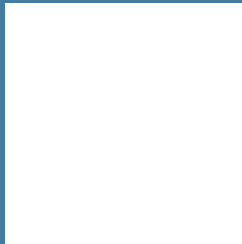
Any Text WCAG AAA × Fail

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

Hex 427BA3 Background



This preview shows how black text looks on a background with the Hex color 427BA3.

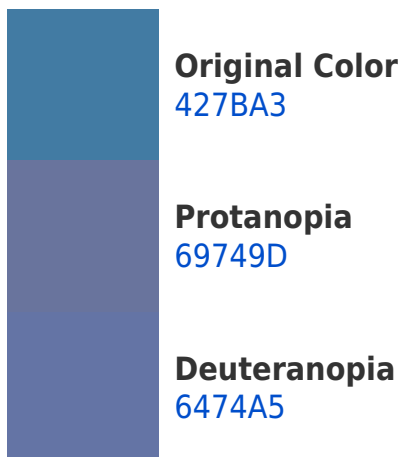


This preview shows how white text looks on a background with the Hex color 427BA3.

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](#).

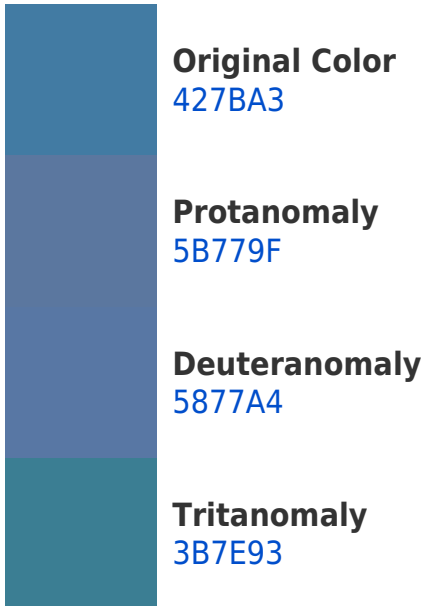
Dichromacy



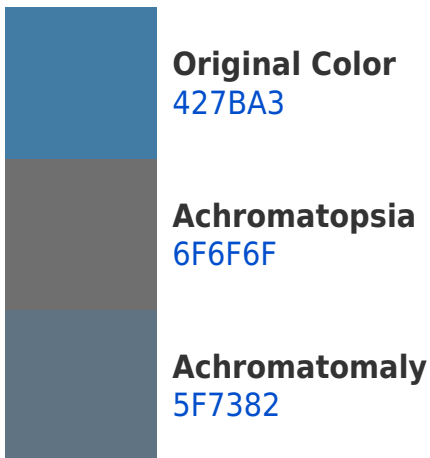


Tritanopia
37808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 427BA3 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 #427BA3 looks like.

```
.text, #text, p{  
    color:#427BA3  
}
```

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 #427BA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #427BA3  
}
```

Border

The CSS property to change the border of an element to Hex 427BA3 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  
#427BA3 }
```

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

```
.border{ border-color:#427BA3 }
```

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

Here you see how a box with a 4 pixel #427BA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #427BA3; -webkit-box-shadow:4px 4px  
4px 4px #427BA3; box-shadow:4px 4px 4px  
4px #427BA3 }
```

Background

The CSS property to change the background color of an element to Hex 427BA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#427BA3 }
```

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

```
.background{ background-color:#427BA3 }
```

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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