

Converting Colors

Hex(427BA4)

Have a look what the booklet for
Hex(427BA4) contains.

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Color

Hex(427BA4)

Conversions

Conversions Part 1

Format	Color
Hex	427BA4
RGB	66, 123, 164
RGB Percent	26%, 48%, 64%
CMY	0.7412, 0.5176, 0.3569
CMYK	0.60, 0.25, 0.00, 0.36
HSL	205°, 43%, 45%
HSV	205°, 60%, 64%
XYZ	16.0306, 18.0045, 37.7523
YIQ	110.6310, -47.1330, 0.6670

Conversions

Conversions Part 2

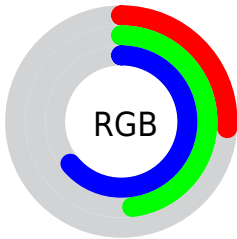
Format	Color
R _Y B	66, 102, 164
Decimal	4357028
CIE Lab	49.50, -6.08, -27.57
CIE LCh	50, 28.234, 257.561
Yxy	18.0045, 0.2233, 0.2508
Android (android.graphics.Color)	4282547108 (0xFF427BA4)
YUV	110.6310, 26.3109, -39.1414
Hunter-Lab	42.4317, -6.8188, -23.0492

Details

The Hex color **427BA4** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A46B42**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **7AAFDB**, and **004A70** is the 20% darker color. If you saturate the color by 10%, you get **3274A4**, and if you desaturate by 10%, it is **5282A4**.

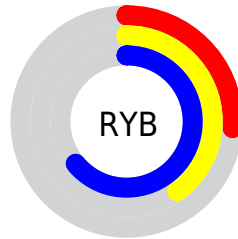
Distribution



Red (26%)

Green (48%)

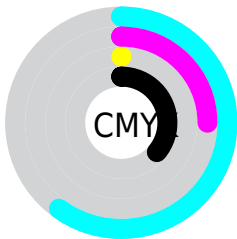
Blue (64%)



Red (26%)

Yellow (40%)

Blue (64%)

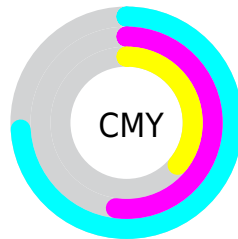


Cyan (60%)

Magenta (25%)

Yellow (0%)

Black (36%)



Cyan (74%)

Magenta (52%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 427BA4 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 427BA4 by changing the saturation by 10% instead.

■ 427BA4

■ 427BA4

FFFFFF

■ 23628A

■ 7AAFDB

■ 004A70

■ 96CBF8

■ 003457

■ B2E7FF

■ 001F40

■ CFFFFFF

■ 00032A

■ EFFFFFF

■ 000114

■ 000000

■ 427BA4

■ 427BA4

■ 3274A4

■ 5282A4

■ 216DA4

■ 6389A4

■ 1166A4

■ 7390A4

■ 0060A4

■ 8496A4

■ 005FA4

■ 949DA4

■ A4A4A4

■ B5ABA4

■ C5B2A4

■ D6B9A4

Harmonies

Analogous

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



1A8098



427BA4



6A73A3

Triad

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



427BA4



A56468



5C7F55

Complementary

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



427BA4



A46B42

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.



777947



427BA4



9F6953

Square

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



427BA4



9E6481



8E7147



3E826B

Rectangle

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



427BA4



806D9C



8E7147



667D4F

Sweetspot

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



427BA4



B0C6D6



42A46B



54616B



EBEBEB



6B6B6B

Same Dimension

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



427BA4



3C96D6



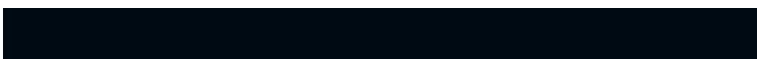
424AA4



494E52



005591



000A12

Inverse Universe

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



A4427B



D63C96



A49C42



52494E



910055



12000A

Previews

White Background



This preview shows how the Hex color 427BA4 looks on a white background.

Color Contrast Check

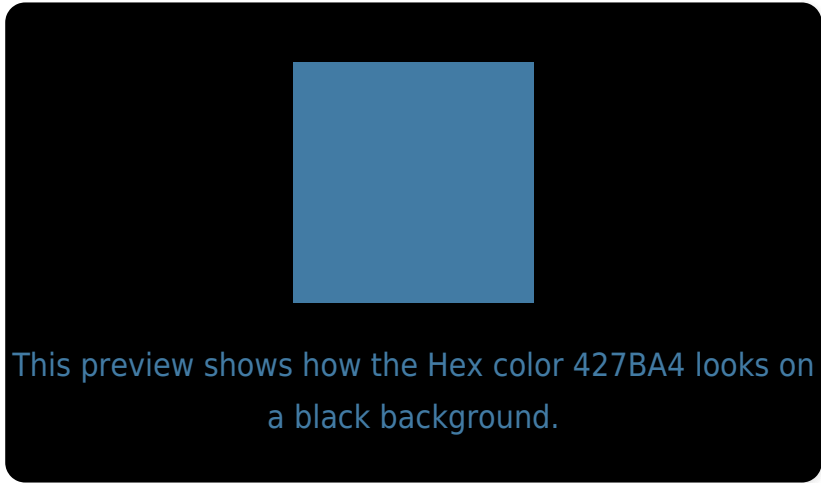
Large Text (above 18pt) WCAG AA ✓ Pass

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

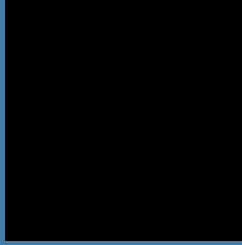
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

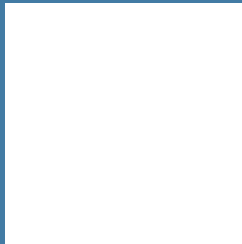
Any Text WCAG AAA × Fail

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

Hex 427BA4 Background



This preview shows how black text looks on a background with the Hex color 427BA4.

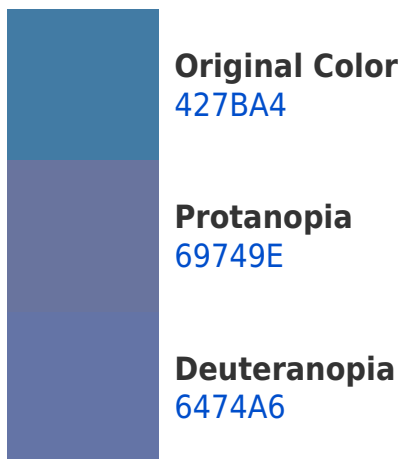


This preview shows how white text looks on a background with the Hex color 427BA4.

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](#).

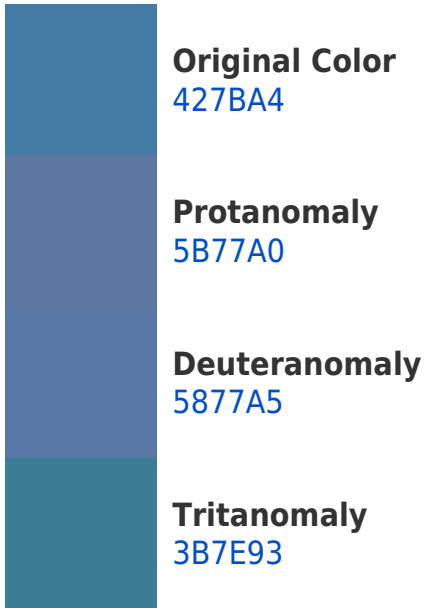
Dichromacy





Tritanopia
37808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 427BA4 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 #427BA4 looks like.

```
.text, #text, p{  
    color:#427BA4  
}
```

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 #427BA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #427BA4
}
```

Border

The CSS property to change the border of an element to Hex 427BA4 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
#427BA4 }
```

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

```
.border{ border-color:#427BA4 }
```

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

Here you see how a box with a 4 pixel #427BA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #427BA4; -webkit-box-shadow:4px 4px  
4px 4px #427BA4; box-shadow:4px 4px 4px  
4px #427BA4 }
```

Background

The CSS property to change the background color of an element to Hex 427BA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#427BA4 }
```

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

```
.background{ background-color:#427BA4 }
```

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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