

# Converting Colors

Hex(4277AC)

Have a look what the booklet for  
Hex(4277AC) contains.

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# Color

Hex(4277AC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4277AC
RGB	66, 119, 172
RGB Percent	26%, 47%, 67%
CMY	0.7412, 0.5333, 0.3255
CMYK	0.62, 0.31, 0.00, 0.33
HSL	210°, 45%, 47%
HSV	210°, 62%, 67%
XYZ	16.2900, 17.3305, 41.5163
YIQ	109.1950, -48.6010, 5.2470

# Conversions

## Conversions Part 2

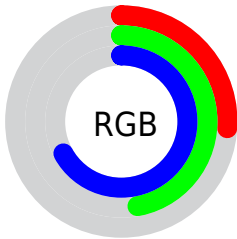
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	66, 101, 172
Decimal	4356012
CIE <sub>Lab</sub>	48.67, -1.03, -33.52
CIE <sub>LCh</sub>	49, 33.537, 268.238
Yxy	17.3305, 0.2168, 0.2307
Android (android.graphics.Color)	4282546092 (0xFF4277AC)
YUV	109.1950, 30.9629, -37.8820
Hunter-Lab	41.6299, -3.0043, -29.9873

# Details

The Hex color **4277AC** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AC7742**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7BABE4**, and **004777** is the 20% darker color. If you saturate the color by 10%, you get **316EAC**, and if you desaturate by 10%, it is **5380AC**.

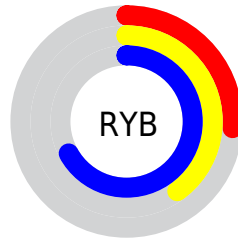
# Distribution



Red (26%)

Green (47%)

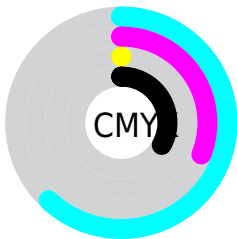
Blue (67%)



Red (26%)

Yellow (40%)

Blue (67%)

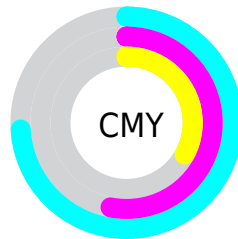


Cyan (62%)

Magenta (31%)

Yellow (0%)

Black (33%)



Cyan (74%)

Magenta (53%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4277AC 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 4277AC by changing the saturation by 10% instead.



■ 4277AC

■ 4277AC

FFFFFF

■ 225E91

■ 7BABE4

■ 004777

■ 97C6FF

■ 00315E

■ B3E2FF

■ 001C46

■ D0FFFF

■ 000430

■ EEEFFF

■ 00011A

■ 000000

■ 4277AC

■ 4277AC

■ 316EAC

■ 5380AC

■ 2066AC

■ 6488AC

■ 0E5DAC

■ 7691AC

■ 0056AC

■ 8799AC

■ 98A2AC

■ A9ABAC

■ BAB3AC

■ CCBCAC

■ DDC4AC

# Harmonies

## Analogous

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



007EA3



4277AC



746DA6

# Triad

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



4277AC



A95F5A



478055

# Complementary

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



4277AC



AC7742

# 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.



6A7A40



4277AC



9D6744

# Square

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



4277AC



A75D76



87713A



118271

# Rectangle

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



4277AC



8C669A



87713A



547E4D



# Sweetspot

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



4277AC



B8CCE0



42AC77



586470



F0F0F0



707070



# Same Dimension

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



4277AC



3A8DE0



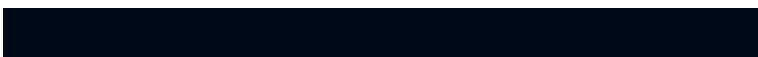
4242AC



4E5257



004B96



000B17



# Inverse Universe

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



AC4277



E03A8D



ACAC42



574E52



96004B

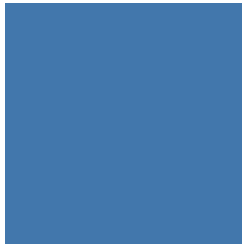


17000B



# Previews

## White Background



This preview shows how the Hex color 4277AC looks on a white background.

## Color Contrast Check

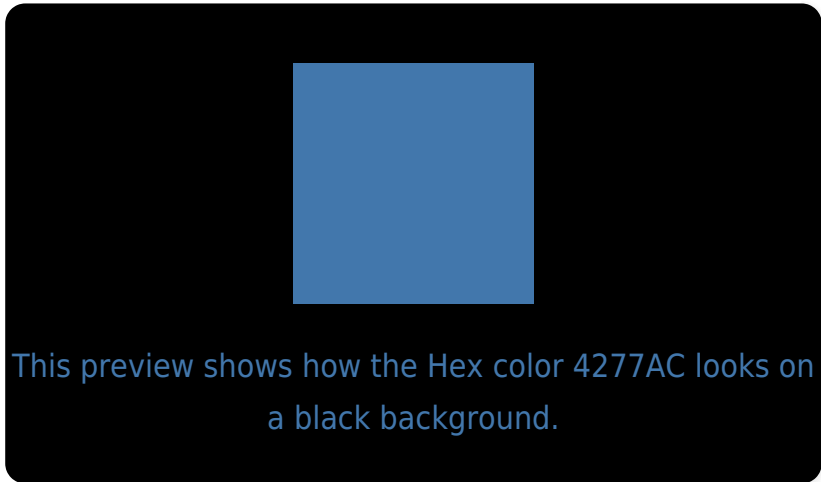
Large Text (above 18pt) WCAG AA ✓ Pass

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 4277AC Background



This preview shows how black text looks on a background with the Hex color 4277AC.

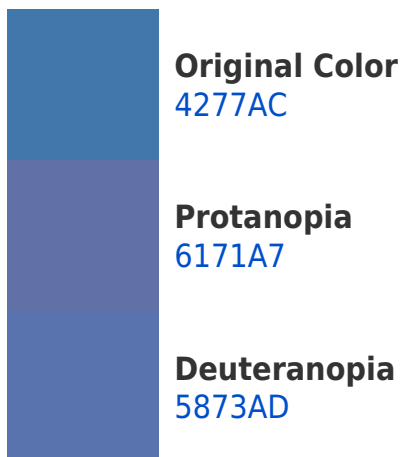


This preview shows how white text looks on a background with the Hex color 4277AC.

# 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](#).

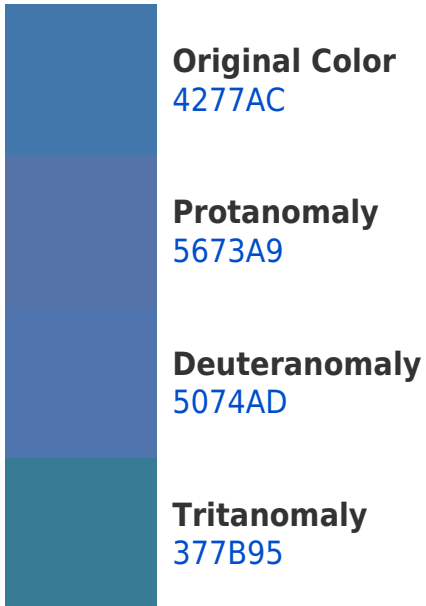
## Dichromacy



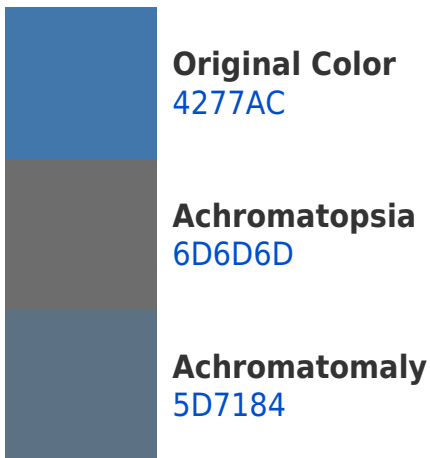


**Tritanopia**  
317E88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4277AC 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 #4277AC looks like.

```
.text, #text, p{  
    color:#4277AC  
}
```

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 #4277AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4277AC
}
```

## Border

The CSS property to change the border of an element to Hex 4277AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

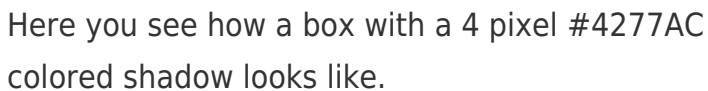
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4277AC }
```

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

```
.border{ border-color:#4277AC }
```

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



Here you see how a box with a 4 pixel #4277AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4277AC; -webkit-box-shadow:4px 4px  
4px 4px #4277AC; box-shadow:4px 4px 4px  
4px #4277AC }
```

# Background

The CSS property to change the background color of an element to Hex 4277AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4277AC }
```

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

```
.background{ background-color:#4277AC }
```

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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