

# Converting Colors

Hex(4374AF)

Have a look what the booklet for  
Hex(4374AF) contains.

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# Color

Hex(4374AF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4374AF
RGB	67, 116, 175
RGB Percent	26%, 45%, 69%
CMY	0.7373, 0.5451, 0.3137
CMYK	0.62, 0.34, 0.00, 0.31
HSL	213°, 45%, 47%
HSV	213°, 62%, 69%
XYZ	16.2980, 16.7792, 42.9372
YIQ	108.0750, -48.1430, 7.9610

# Conversions

## Conversions Part 2

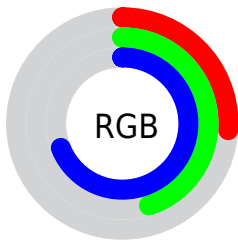
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	67, 101, 175
Decimal	4420783
CIE Lab	47.98, 2.00, -36.35
CIE LCh	48, 36.407, 273.152
Yxy	16.7792, 0.2144, 0.2207
Android (android.graphics.Color)	4282610863 (0xFF4374AF)
YUV	108.0750, 32.9940, -36.0228
Hunter-Lab	40.9624, -0.6633, -33.4745

# Details

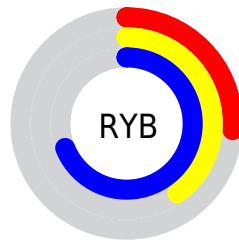
The Hex color **4374AF** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AF7E43**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **7CA8E7**, and **00447A** is the 20% darker color. If you saturate the color by 10%, you get **326AAF**, and if you desaturate by 10%, it is **557EAF**.

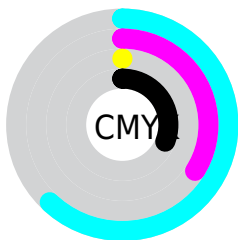
# Distribution



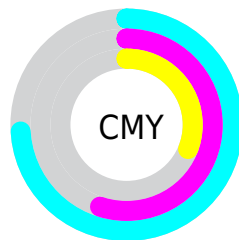
- Red (26%)
- Green (45%)
- Blue (69%)



- Red (26%)
- Yellow (40%)
- Blue (69%)



- Cyan (62%)
- Magenta (34%)
- Yellow (0%)
- Black (31%)



- Cyan (74%)
- Magenta (55%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4374AF 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 4374AF by changing the saturation by 10% instead.



■ 4374AF

■ 4374AF

FFFFFF

■ 235C94

■ 7CA8E7

■ 00447A

■ 98C3FF

■ 002F61

■ B5DFFF

■ 001A49

■ D2FBFF

■ 000432

■ EFFFFFF

■ 00021C

■ 000000

■ 4374AF

■ 4374AF

■ 326AAF

■ 557EAF

■ 2061AF

■ 6687AF

■ 0F57AF

■ 7891AF

■ 004FAF

■ 899AAF

■ 9BA4AF

■ ACADAF

■ BEB7AF

■ CFC0AF

■ E1CAAF

# Harmonies

## Analogous

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



007CA8



4374AF



7969A5

# Triad

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



4374AF



AA5C52



397F55

# Complementary

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



4374AF



AF7E43

# 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.



617A3D



4374AF



9A663B

# Square

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



4374AF



AB5870



817133



008274

# Rectangle

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



4374AF



916197



817133



487E4C



# Sweetspot

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



4374AF



B8CBE3



43AF7D



586473



F2F2F2



737373



# Same Dimension

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



4374AF



3B87E3



4743AF



4E5257



004496



000A17



# Inverse Universe

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



AF4374



E33B87



ABAF43



574E52



960044

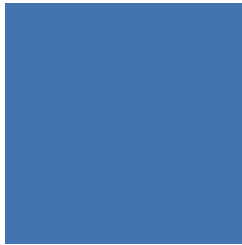


17000A



# Previews

## White Background



This preview shows how the Hex color 4374AF looks on a white background.

## Color Contrast Check

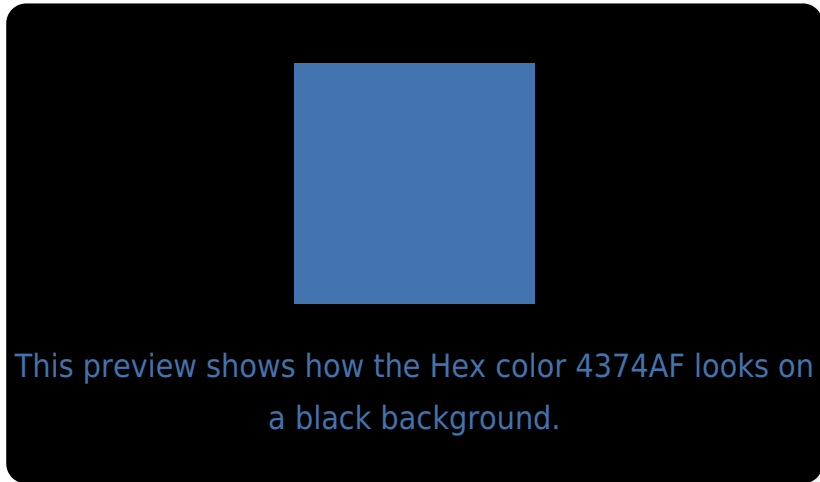
Large Text (above 18pt) WCAG AA ✓ Pass

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 4374AF Background



This preview shows how black text looks on a background with the Hex color 4374AF.

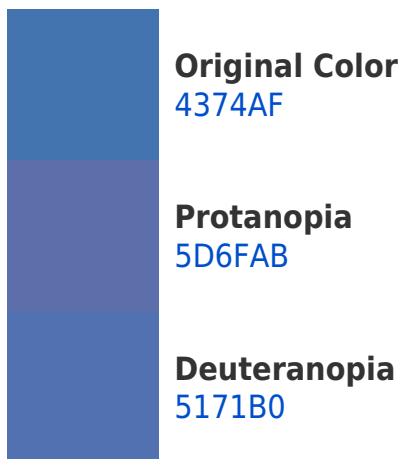


This preview shows how white text looks on a background with the Hex color 4374AF.

# 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](#).

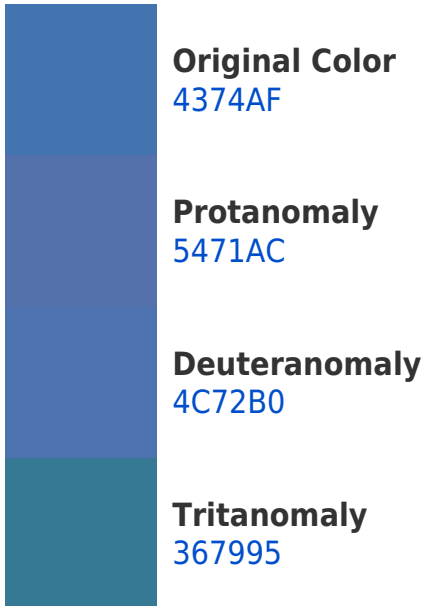
## Dichromacy



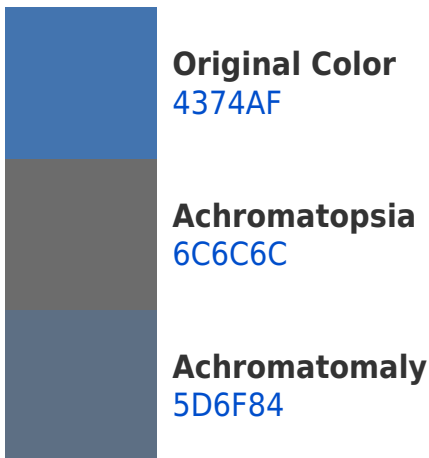


**Tritanopia**  
2F7C86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4374AF 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 #4374AF looks like.

```
.text, #text, p{  
    color:#4374AF  
}
```

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 #4374AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4374AF }
}
```

## Border

The CSS property to change the border of an element to Hex 4374AF 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 #4374AF }
}
```

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

```
.border{ border-color:#4374AF }
```

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

Here you see how a box with a 4 pixel #4374AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4374AF; -webkit-box-shadow:4px 4px  
4px 4px #4374AF; box-shadow:4px 4px 4px  
4px #4374AF }
```

# Background

The CSS property to change the background color of an element to Hex 4374AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4374AF }
```

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

```
.background{ background-color:#4374AF }
```

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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