

# Converting Colors

Hex(3274B1)

Have a look what the booklet for  
Hex(3274B1) contains.

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# Color

**Hex(3274B1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3274B1
RGB	50, 116, 177
RGB Percent	20%, 45%, 69%
CMY	0.8039, 0.5451, 0.3059
CMYK	0.72, 0.34, 0.00, 0.31
HSL	209°, 56%, 45%
HSV	209°, 72%, 69%
XYZ	15.4966, 16.3432, 43.9328
YIQ	103.2200, -58.9170, 4.9790

# Conversions

## Conversions Part 2

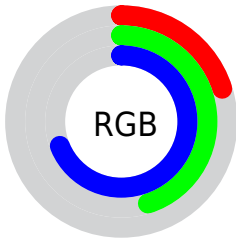
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 93, 177
Decimal	3306673
CIELab	47.42, -0.22, -38.44
CIELCh	47, 38.441, 269.675
Yxy	16.3432, 0.2045, 0.2157
Android (android.graphics.Color)	4281496753 (0xFF3274B1)
YUV	103.2200, 36.3735, -46.6739
Hunter-Lab	40.4267, -2.3232, -36.1332

# Details

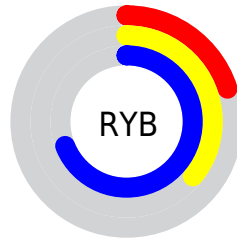
The Hex color **3274B1** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B16F32**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **70A8E9**, and **00447C** is the 20% darker color. If you saturate the color by 10%, you get **206BB1**, and if you desaturate by 10%, it is **447DB1**.

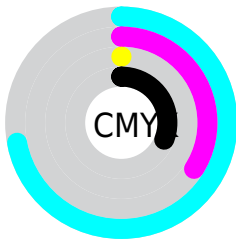
# Distribution



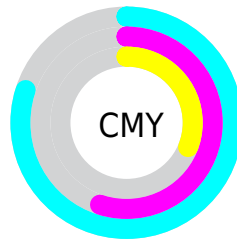
- Red (20%)
- Green (45%)
- Blue (69%)



- Red (20%)
- Yellow (36%)
- Blue (69%)



- Cyan (72%)
- Magenta (34%)
- Yellow (0%)
- Black (31%)



- Cyan (80%)
- Magenta (55%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3274B1 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 3274B1 by changing the saturation by 10% instead.



■ 3274B1

■ 3274B1

FFFFFF

■ 005C96

■ 70A8E9

■ 00447C

■ 8DC3FF

■ 002F63

■ A9DFFF

■ 001B4A

■ C7FBFF

■ 000433

■ E4FFFF

■ 00021D

■ 000000

■ 3274B1

■ 3274B1

■ 206BB1

■ 447DB1

0F63B1

5585B1

005CB1

678EB1

7996B1

8B9FB1

9CA7B1

AEB0B1

C0B8B1

D1C1B1

# Harmonies

## Analogous

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



007CA8



3274B1



7268A9

# Triad

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



3274B1



AC5852



397E4F

# Complementary

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



3274B1



B16F32

# 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.



637836



3274B1



9D6339

# Square

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



3274B1



AB5572



846F2D



00816F

# Rectangle

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



3274B1



8D609B



846F2D



497C45



# Sweetspot

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



3274B1



B3CDE6



32B16D



556473



F2F2F2



737373



# Same Dimension

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



3274B1



2087E6



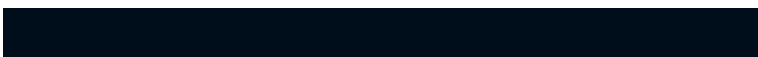
3236B1



505559



005099



000D1A



# Inverse Universe

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



B13274



E62087



B1AD32



595055



990050



1A000D



# Previews

## White Background



This preview shows how the Hex color 3274B1 looks on a white background.

## Color Contrast Check

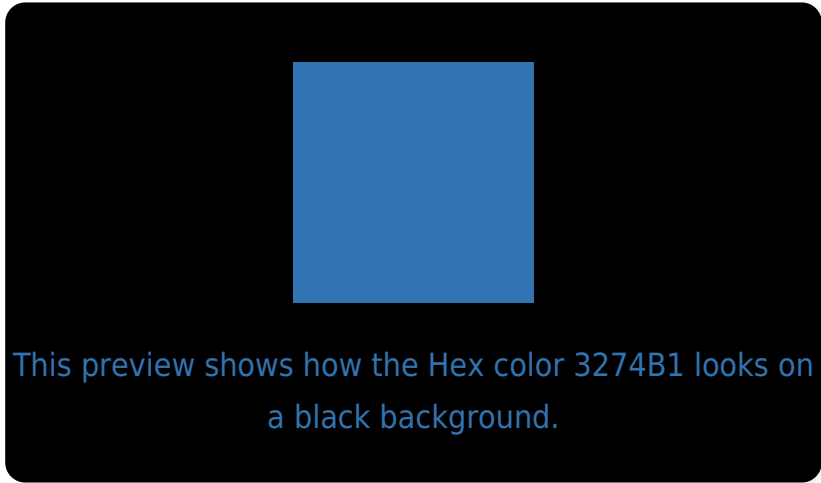
Large Text (above 18pt) WCAG AA ✓ Pass

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

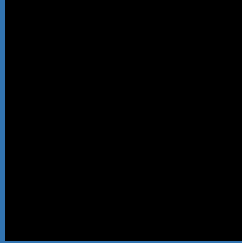
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3274B1 Background



This preview shows how black text looks on a background with the Hex color 3274B1.

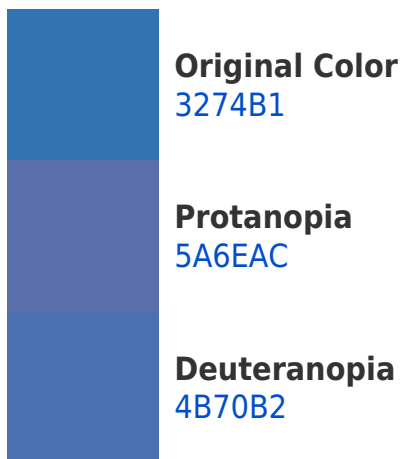


This preview shows how white text looks on a background with the Hex color 3274B1.

# 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](#).

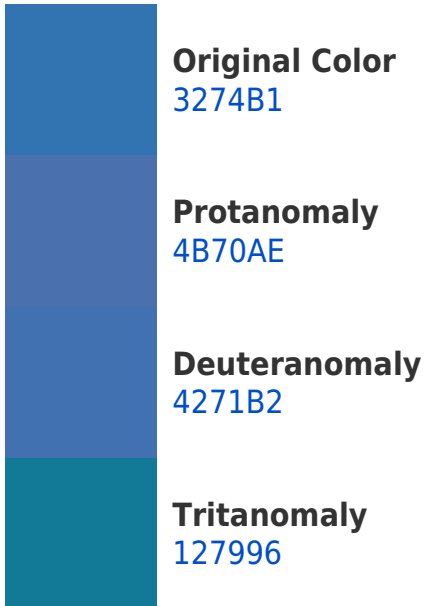
## Dichromacy



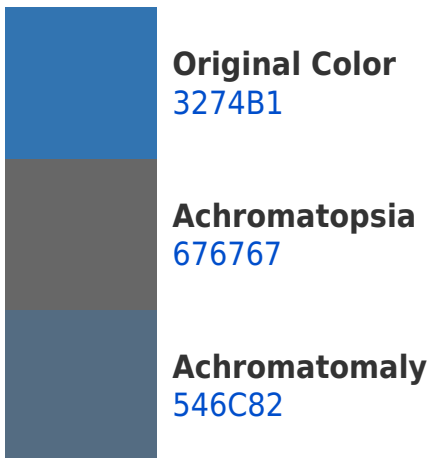


**Tritanopia**  
007C86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3274B1 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 #3274B1 looks like.

```
.text, #text, p{  
    color:#3274B1  
}
```

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 #3274B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3274B1
}
```

## Border

The CSS property to change the border of an element to Hex 3274B1 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
#3274B1 }
```

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

```
.border{ border-color:#3274B1 }
```

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

Here you see how a box with a 4 pixel #3274B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3274B1; -webkit-box-shadow:4px 4px  
4px 4px #3274B1; box-shadow:4px 4px 4px  
4px #3274B1 }
```

# Background

The CSS property to change the background color of an element to Hex 3274B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3274B1 }
```

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

```
.background{ background-color:#3274B1 }
```

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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