

# Converting Colors

Hex(4079B1)

Have a look what the booklet for  
Hex(4079B1) contains.

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# Color

**Hex(4079B1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4079B1
RGB	64, 121, 177
RGB Percent	25%, 47%, 69%
CMY	0.7490, 0.5255, 0.3059
CMYK	0.64, 0.32, 0.00, 0.31
HSL	210°, 47%, 47%
HSV	210°, 64%, 69%
XYZ	16.8875, 17.9391, 44.1675
YIQ	110.3410, -51.9480, 5.3320

# Conversions

## Conversions Part 2

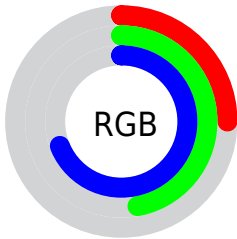
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	64, 102, 177
Decimal	4225457
CIE Lab	49.42, -0.90, -35.25
CIE LCh	49, 35.266, 268.535
Yxy	17.9391, 0.2138, 0.2271
Android (android.graphics.Color)	4282415537 (0xFF4079B1)
YUV	110.3410, 32.8629, -40.6411
Hunter-Lab	42.3545, -2.9491, -32.1797

# Details

The Hex color **4079B1** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B17840**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **7AADE9**, and **00497C** is the 20% darker color. If you saturate the color by 10%, you get **2E70B1**, and if you desaturate by 10%, it is **5282B1**.

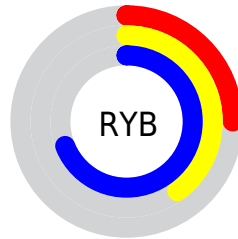
# Distribution



Red (25%)

Green (47%)

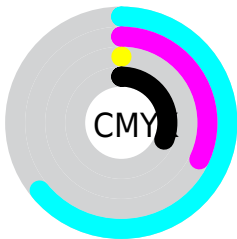
Blue (69%)



Red (25%)

Yellow (40%)

Blue (69%)

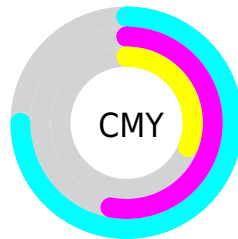


Cyan (64%)

Magenta (32%)

Yellow (0%)

Black (31%)



Cyan (75%)

Magenta (53%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4079B1 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 4079B1 by changing the saturation by 10% instead.



■ 4079B1

■ 4079B1

FFFFFF

■ 1D6096

■ 7AADE9

■ 00497C

■ 96C8FF

■ 003363

■ B3E4FF

■ 001E4B

■ D0FFFF

■ 000434

■ EEEFFF

■ 00021E

■ 000000

■ 4079B1

■ 4079B1

■ 2E70B1

■ 5282B1

■ 1D67B1

■ 638BB1

■ 0B5FB1

■ 7593B1

■ 0059B1

■ 879CB1

■ 99A5B1

■ AAAEB1

■ BCB6B1

■ CEBFB1

■ DFC8B1

# Harmonies

## Analogous

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



0081A8



4079B1



766EAA

# Triad

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



4079B1



AD5F5B



468255

# Complementary

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



4079B1



B17840

# 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.



6B7C3F



4079B1



A06943

# Square

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



4079B1



AC5D78



897338



008573

# Rectangle

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



4079B1



8F679D



897338



53804D



# Sweetspot

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



4079B1



BAD0E6



40B177



586673



F2F2F2



737373



# Same Dimension

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



4079B1



358EE6



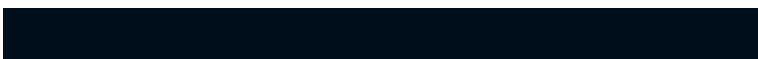
4042B1



505559



004D99



000D1A



# Inverse Universe

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



B14079



E6358E



B1AF40



595055



99004D



1A000D



# Previews

## White Background



This preview shows how the Hex color 4079B1 looks on a white background.

## Color Contrast Check

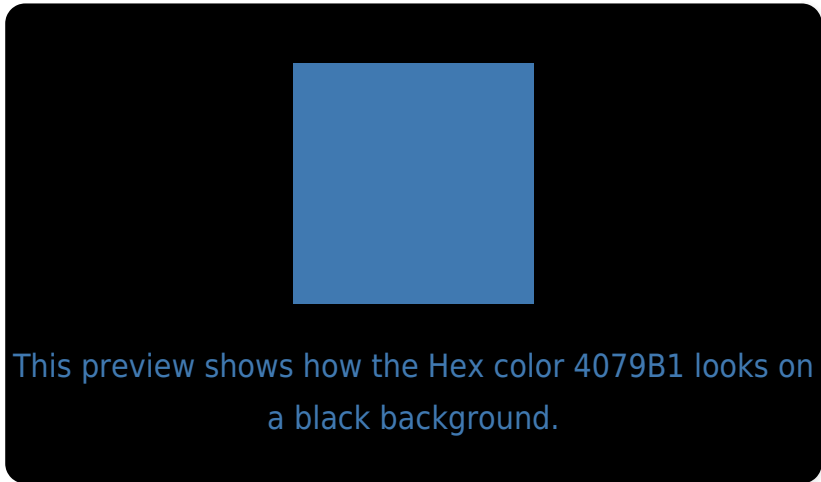
Large Text (above 18pt) WCAG AA ✓ Pass

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

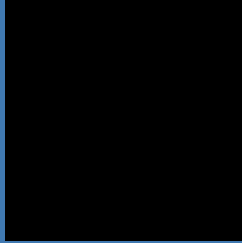
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4079B1 Background



This preview shows how black text looks on a background with the Hex color 4079B1.

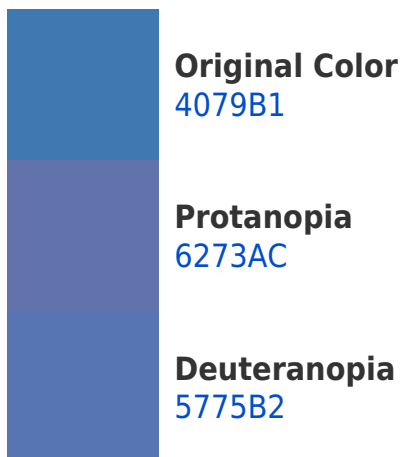


This preview shows how white text looks on a background with the Hex color 4079B1.

# 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](#).

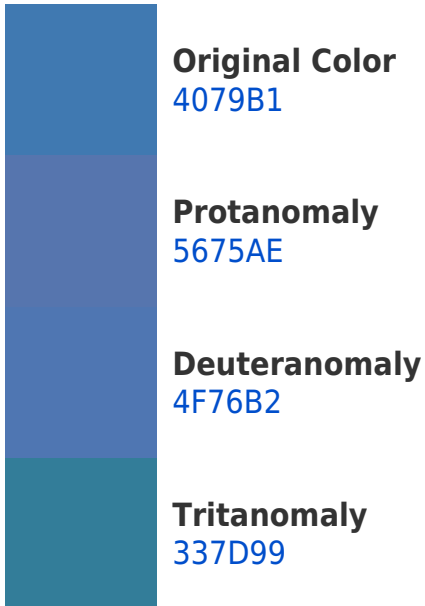
## Dichromacy





**Tritanopia**  
2C808B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4079B1 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 #4079B1 looks like.

```
.text, #text, p{  
    color:#4079B1  
}
```

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 #4079B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4079B1
}
```

## Border

The CSS property to change the border of an element to Hex 4079B1 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
#4079B1 }
```

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

```
.border{ border-color:#4079B1 }
```

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

Here you see how a box with a 4 pixel #4079B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4079B1; -webkit-box-shadow:4px 4px  
4px 4px #4079B1; box-shadow:4px 4px 4px  
4px #4079B1 }
```

# Background

The CSS property to change the background color of an element to Hex 4079B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4079B1 }
```

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

```
.background{ background-color:#4079B1 }
```

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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