

# Converting Colors

Hex(4037C1)

Have a look what the booklet for  
Hex(4037C1) contains.

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# Color

**Hex(4037C1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4037C1
RGB	64, 55, 193
RGB Percent	25%, 22%, 76%
CMY	0.7490, 0.7843, 0.2431
CMYK	0.67, 0.72, 0.00, 0.24
HSL	244°, 56%, 49%
HSV	244°, 72%, 76%
XYZ	13.1062, 7.6726, 51.2423
YIQ	73.4230, -38.9340, 44.8260

# Conversions

## Conversions Part 2

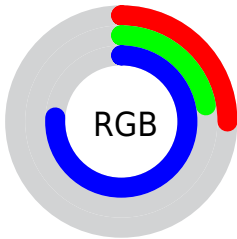
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	64, 55, 193
Decimal	4208577
CIE <sub>Lab</sub>	33.29, 45.85, -70.58
CIE <sub>LCh</sub>	33, 84.168, 303.008
Yxy	7.6726, 0.1820, 0.1065
Android (android.graphics.Color)	4282398657 (0xFF4037C1)
YUV	73.4230, 58.9515, -8.2640
Hunter-Lab	27.6995, 35.9842, -90.2930

# Details

The Hex color **4037C1** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **B8C137**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **8068FB**, and **00098A** is the 20% darker color. If you saturate the color by 10%, you get **2E24C1**, and if you desaturate by 10%, it is **524AC1**.

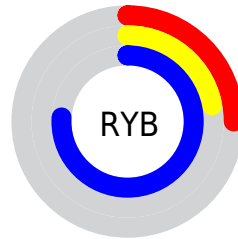
# Distribution



Red (25%)

Green (22%)

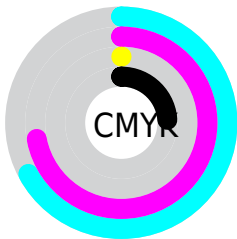
Blue (76%)



Red (25%)

Yellow (22%)

Blue (76%)

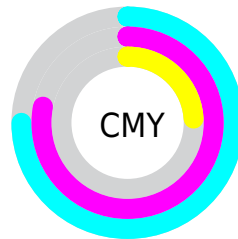


Cyan (67%)

Magenta (72%)

Yellow (0%)

Black (24%)



Cyan (75%)

Magenta (78%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4037C1 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 4037C1 by changing the saturation by 10% instead.



 4037C1

 4037C1

FFFFFF

 1220A5

 8068FB

 00098A

 9E81FF

 000070

 BB9CFF

 000056

 DAB7FF

 00063E

 F8D3FF

 000327

 FFEFFF

 000110

 000000

 4037C1

 4037C1

■ 2E24C1

■ 524AC1

■ 1C10C1

■ 645EC1

■ 0D00C1

■ 7671C1

■ 8884C1

■ 9A98C1

■ ACABC1

■ BEBEC1

■ D0D1C1

■ E2E5C1

# Harmonies

## Analogous

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



0057D8



4037C1



9E008C

# Triad

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



4037C1



8E2F00



006654

# Complementary

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



4037C1



B8C137

# 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.



006301



4037C1



5B4F00

# Square

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



4037C1



B00008



005D00



006797

# Rectangle

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



4037C1



B50061



005D00



00653C



# Sweetspot

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



4037C1



C9C5FA



37BAC1



605E7D



FCFCFC



7D7D7D



# Same Dimension

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



4037C1



3123FA



8337C1



585761



0A00A1



020021



# Inverse Universe

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



C137B8



FA23EC



75C137



615760



A10096

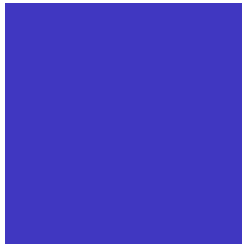


21001F



# Previews

## White Background



This preview shows how the Hex color 4037C1 looks on a white background.

## Color Contrast Check

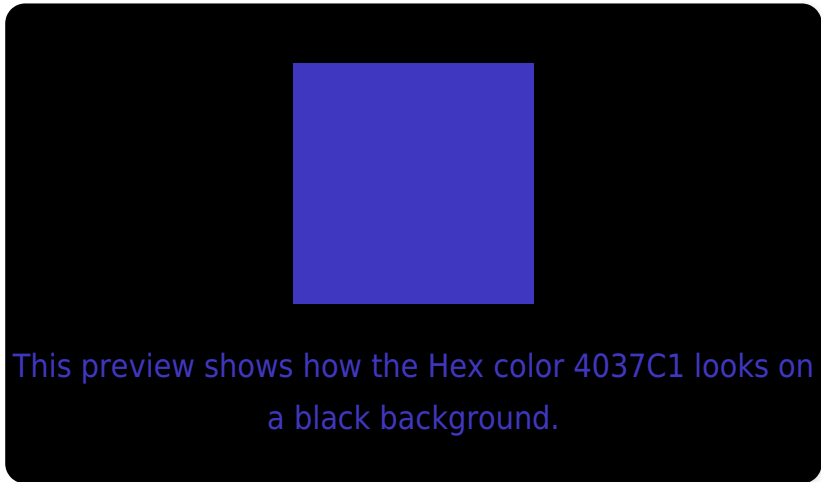
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

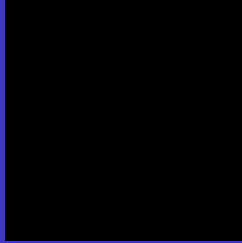
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4037C1 Background



This preview shows how black text looks on a background with the Hex color 4037C1.

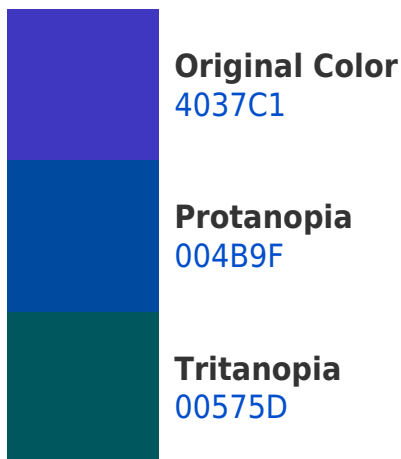


This preview shows how white text looks on a background with the Hex color 4037C1.

# 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



# Trichromacy



**Original Color**  
4037C1

**Protanomaly**  
1744AB

**Tritanomaly**  
174B81

# Monochromacy



**Original Color**  
4037C1

**Achromatopsia**  
494949

**Achromatomaly**  
464275

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4037C1 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 #4037C1 looks like.

```
.text, #text, p{  
    color:#4037C1  
}
```

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 #4037C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4037C1
}
```

## Border

The CSS property to change the border of an element to Hex 4037C1 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
#4037C1 }
```

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

```
.border{ border-color:#4037C1 }
```

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

Here you see how a box with a 4 pixel #4037C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4037C1; -webkit-box-shadow:4px 4px  
4px 4px #4037C1; box-shadow:4px 4px 4px  
4px #4037C1 }
```

# Background

The CSS property to change the background color of an element to Hex 4037C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4037C1 }
```

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

```
.background{ background-color:#4037C1 }
```

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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