

# Converting Colors

Hex(6037B1)

Have a look what the booklet for  
Hex(6037B1) contains.

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# Color

**Hex(6037B1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6037B1
RGB	96, 55, 177
RGB Percent	38%, 22%, 69%
CMY	0.6235, 0.7843, 0.3059
CMYK	0.46, 0.69, 0.00, 0.31
HSL	260°, 53%, 45%
HSV	260°, 69%, 69%
XYZ	14.1259, 8.3935, 42.4706
YIQ	81.1670, -14.7260, 46.6340

# Conversions

## Conversions Part 2

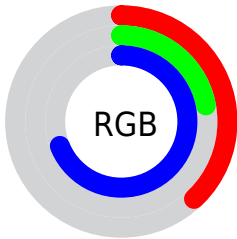
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 55, 177
Decimal	6305713
CIE <sub>Lab</sub>	34.79, 45.93, -58.56
CIE <sub>LCh</sub>	35, 74.424, 308.106
Yxy	8.3935, 0.2174, 0.1292
Android (android.graphics.Color)	4284495793 (0xFF6037B1)
<b>YUV</b>	81.1670, 47.2457, 13.0085
Hunter-Lab	28.9715, 36.3324, -66.6356

# Details

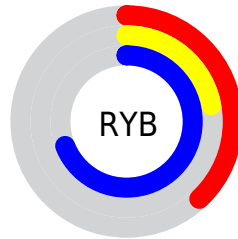
The Hex color **6037B1** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **88B137**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **9969EA**, and **24037B** is the 20% darker color. If you saturate the color by 10%, you get **5425B1**, and if you desaturate by 10%, it is **6C49B1**.

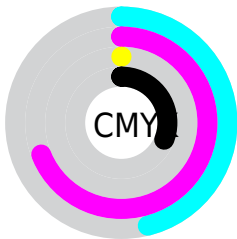
# Distribution



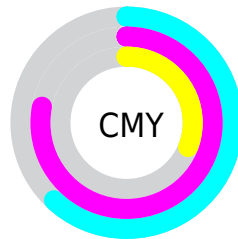
- Red (38%)
- Green (22%)
- Blue (69%)



- Red (38%)
- Yellow (22%)
- Blue (69%)



- Cyan (46%)
- Magenta (69%)
- Yellow (0%)
- Black (31%)



- Cyan (62%)
- Magenta (78%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6037B1 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 6037B1 by changing the saturation by 10% instead.



 6037B1

 6037B1

FFFFFF

 431E96

 9969EA

 24037B

 B583FF

 000062

 D29EFF

 000049

 F0B9FF

 000431

 FFD5FF

 00011B

 FFF2FF

 000000

 6037B1

 6037B1

 5425B1

 6C49B1

4814B1

785AB1

3D02B1

836CB1

3B00B1

8F7EB1

9B8FB1

A7A1B1

B2B3B1

BEC5B1

CAD6B1

# Harmonies

## Analogous

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



0056CA



6037B1



A1007F

# Triad

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



6037B1



873D00



006961

# Complementary

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



6037B1



88B137

# 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.



006621



6037B1



565500

# Square

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



6037B1



A80108



006100



00699B

# Rectangle

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



6037B1



B20058



006100



00684C



# Sweetspot

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



6037B1



C6B5E6



3788B1



605673



F2F2F2



737373



# Same Dimension

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



6037B1



6727E6



9D37B1



535059



330099



09001A



# Inverse Universe

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



B13788



E627A5



4BB137



595056



990066

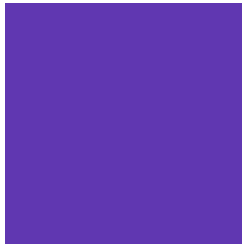


1A0011



# Previews

## White Background



This preview shows how the Hex color 6037B1 looks on a white background.

## Color Contrast Check

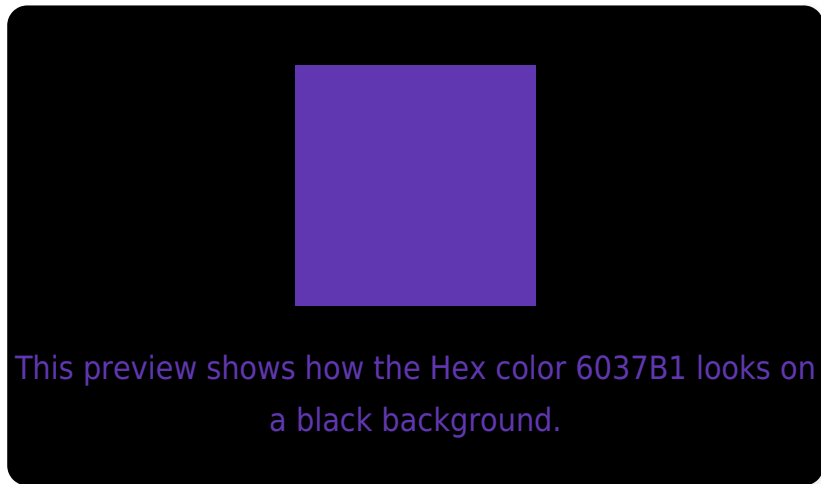
Large Text (above 18pt) WCAG AA ✓ Pass

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

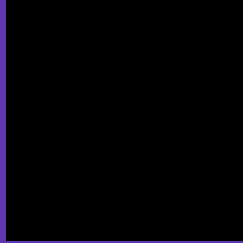
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6037B1 Background



This preview shows how black text looks on a background with the Hex color 6037B1.

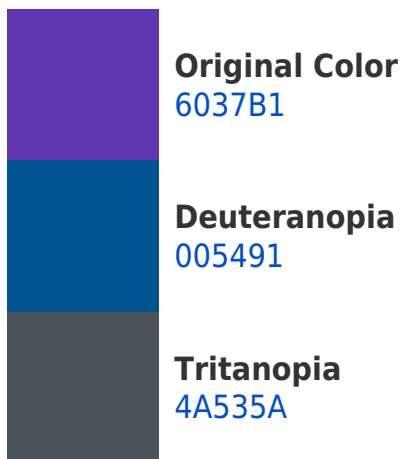


This preview shows how white text looks on a background with the Hex color 6037B1.

# 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**  
6037B1



**Deuteranomaly**  
23499D



**Tritanomaly**  
52497A

# Monochromacy



**Original Color**  
6037B1



**Achromatopsia**  
515151



**Achromatomaly**  
564874

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6037B1 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 #6037B1 looks like.

```
.text, #text, p{  
    color:#6037B1  
}
```

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 #6037B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6037B1
}
```

## Border

The CSS property to change the border of an element to Hex 6037B1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

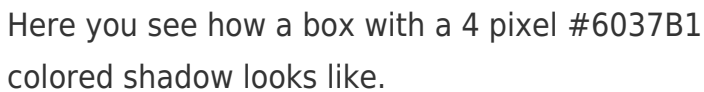
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6037B1 }
```

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

```
.border{ border-color:#6037B1 }
```

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



Here you see how a box with a 4 pixel #6037B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6037B1; -webkit-box-shadow:4px 4px  
4px 4px #6037B1; box-shadow:4px 4px 4px  
4px #6037B1 }
```

# Background

The CSS property to change the background color of an element to Hex 6037B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6037B1 }
```

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

```
.background{ background-color:#6037B1 }
```

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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