

# Converting Colors

Hex(6021B1)

Have a look what the booklet for  
Hex(6021B1) contains.

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# Color

**Hex(6021B1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6021B1
RGB	96, 33, 177
RGB Percent	38%, 13%, 69%
CMY	0.6235, 0.8706, 0.3059
CMYK	0.46, 0.81, 0.00, 0.31
HSL	266°, 69%, 41%
HSV	266°, 81%, 69%
XYZ	13.3035, 6.7488, 42.1965
YIQ	68.2530, -8.6760, 58.1400

# Conversions

## Conversions Part 2

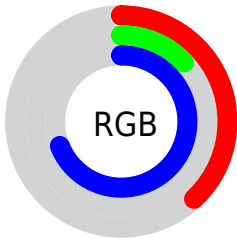
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 33, 177
Decimal	6300081
CIE <sub>Lab</sub>	31.23, 56.04, -64.39
CIE <sub>LCh</sub>	31, 85.356, 311.033
Yxy	6.7488, 0.2137, 0.1084
Android (android.graphics.Color)	4284490161 (0xFF6021B1)
YUV	68.2530, 53.6123, 24.3341
Hunter-Lab	25.9785, 45.9470, -78.1187

# Details

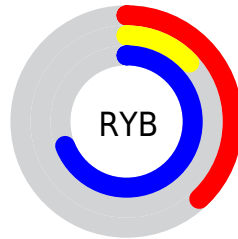
The Hex color **6021B1** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **72B121**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **9A56EA**, and **21007B** is the 20% darker color. If you saturate the color by 10%, you get **560FB1**, and if you desaturate by 10%, it is **6A33B1**.

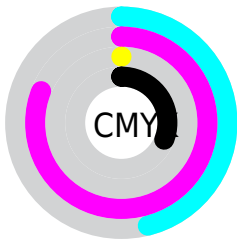
# Distribution



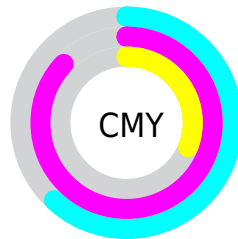
- Red (38%)
- Green (13%)
- Blue (69%)



- Red (38%)
- Yellow (13%)
- Blue (69%)



- Cyan (46%)
- Magenta (81%)
- Yellow (0%)
- Black (31%)



- Cyan (62%)
- Magenta (87%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6021B1 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 6021B1 by changing the saturation by 10% instead.



6021B1

6021B1

FFFFFF

420096

9A56EA

21007B

B771FF

000061

D48BFF

000048

F2A7FF

000431

FFC3FF

00011B

FFDFFF

000000

FFFCFF

6021B1

6021B1

■ 560FB1

■ 6A33B1

■ 4D00B1

■ 7444B1

■ 7E56B1

■ 8868B1

■ 927AB1

■ 9C8BB1

■ A69DB1

■ B0AFB1

■ BAC0B1

# Harmonies

## Analogous

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



004DD1



6021B1



A50077

# Triad

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



6021B1



7C3500



006162

# Complementary

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



6021B1



72B121

# 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.



005F18



6021B1



444F00

# Square

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



6021B1



A40000



005A00



0062A2

# Rectangle

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



6021B1



B4004B



005A00



00604A



# Sweetspot

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



6021B1



C7AEE6



2173B1



605173



F2F2F2



737373



# Same Dimension

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



6021B1



6705E6



A721B1



545059



430099



0B001A



# Inverse Universe

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



B12172



E60583



2BB121



595055



990056

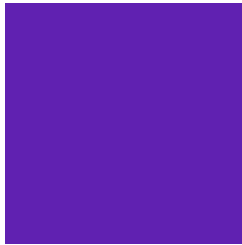


1A000E



# Previews

## White Background



This preview shows how the Hex color 6021B1 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

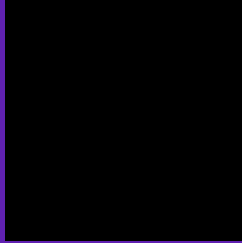
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6021B1 Background



This preview shows how black text looks on a background with the Hex color 6021B1.

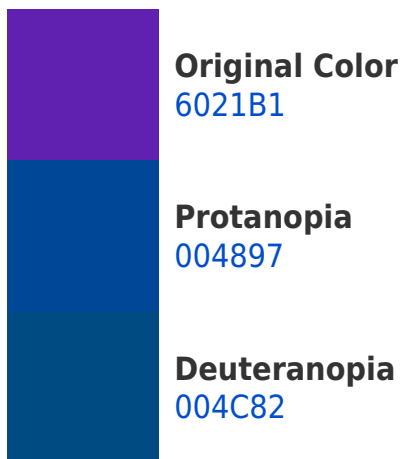


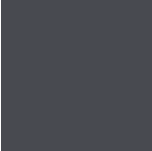
This preview shows how white text looks on a background with the Hex color 6021B1.

# 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**  
484A50

# Trichromacy



**Original Color**  
6021B1



**Protanomaly**  
233AA0



**Deuteranomaly**  
233C93



**Tritanomaly**  
513B73

# Monochromacy



**Original Color**  
6021B1



**Achromatopsia**  
444444



**Achromatomaly**  
4E376C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6021B1 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 #6021B1 looks like.

```
.text, #text, p{  
    color:#6021B1  
}
```

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 #6021B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6021B1
}
```

## Border

The CSS property to change the border of an element to Hex 6021B1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

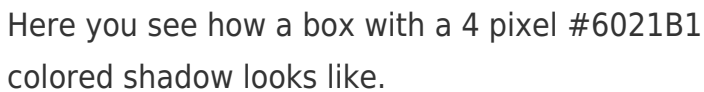
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6021B1 }
```

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

```
.border{ border-color:#6021B1 }
```

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



Here you see how a box with a 4 pixel #6021B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6021B1; -webkit-box-shadow:4px 4px  
4px 4px #6021B1; box-shadow:4px 4px 4px  
4px #6021B1 }
```

# Background

The CSS property to change the background color of an element to Hex 6021B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6021B1 }
```

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

```
.background{ background-color:#6021B1 }
```

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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