

# Converting Colors

Hex(6035B1)

Have a look what the booklet for  
Hex(6035B1) contains.

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# Color

**Hex(6035B1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6035B1
RGB	96, 53, 177
RGB Percent	38%, 21%, 69%
CMY	0.6235, 0.7922, 0.3059
CMYK	0.46, 0.70, 0.00, 0.31
HSL	261°, 54%, 45%
HSV	261°, 70%, 69%
XYZ	14.0328, 8.2073, 42.4395
YIQ	79.9930, -14.1760, 47.6800

# Conversions

## Conversions Part 2

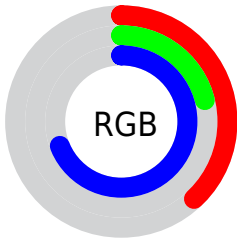
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 53, 177
Decimal	6305201
CIELab	34.41, 46.98, -59.18
CIELCh	34, 75.557, 308.442
Yxy	8.2073, 0.2170, 0.1269
Android (android.graphics.Color)	4284495281 (0xFF6035B1)
YUV	79.9930, 47.8245, 14.0381
Hunter-Lab	28.6484, 37.2994, -67.7778

# Details

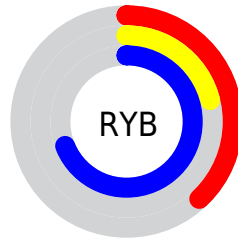
The Hex color **6035B1** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **86B135**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **9967EA**, and **23007B** is the 20% darker color. If you saturate the color by 10%, you get **5423B1**, and if you desaturate by 10%, it is **6C47B1**.

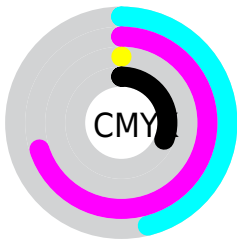
# Distribution



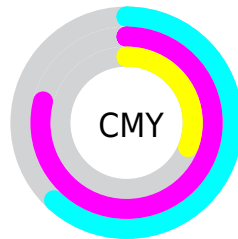
- Red (38%)
- Green (21%)
- Blue (69%)



- Red (38%)
- Yellow (21%)
- Blue (69%)



- Cyan (46%)
- Magenta (70%)
- Yellow (0%)
- Black (31%)



- Cyan (62%)
- Magenta (79%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6035B1 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 6035B1 by changing the saturation by 10% instead.



6035B1

6035B1

FFFFFF

431C96

9967EA

23007B

B581FF

000062

D39CFF

000049

F0B7FF

000431

FFD3FF

00011B

FFF0FF

000000

6035B1

6035B1

5423B1

6C47B1

■ 4912B1

■ 7758B1

■ 3D00B1

■ 836AB1

■ 8E7CB1

■ 9A8EB1

■ A59FB1

■ B1B1B1

■ BCC3B1

■ C8D4B1

# Harmonies

## Analogous

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



0055CB



6035B1



A1007E

# Triad

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



6035B1



853C00



006861

# Complementary

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



6035B1



86B135

# 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.



006620



6035B1



555400

# Square

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



6035B1



A80004



006000



00689C

# Rectangle

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



6035B1



B20057



006000



00674C



# Sweetspot

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



6035B1



C6B5E6



3588B1



605673



F2F2F2



737373



# Same Dimension

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



6035B1



6825E6



9C35B1



535059



350099



09001A



# Inverse Universe

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



B13586



E625A3



4AB135



595056



990064

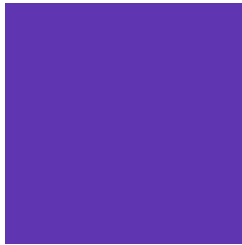


1A0011



# Previews

## White Background



This preview shows how the Hex color 6035B1 looks on a white background.

## Color Contrast Check

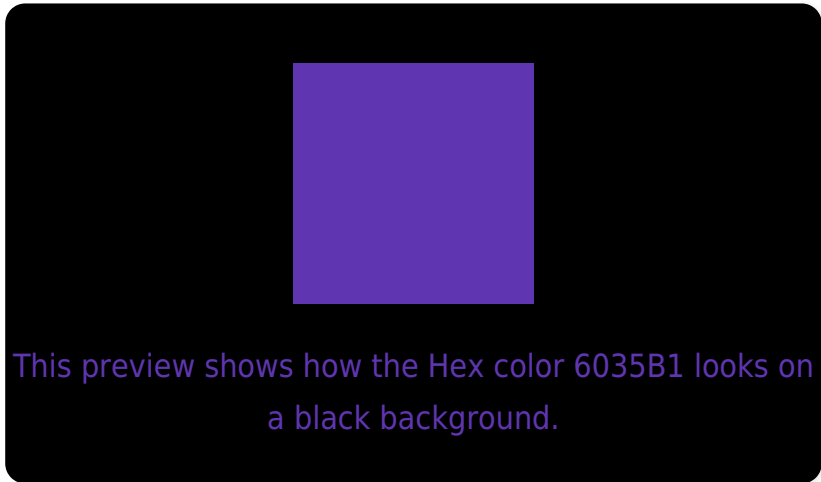
Large Text (above 18pt) WCAG AA ✓ Pass

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

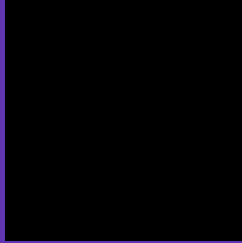
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6035B1 Background



This preview shows how black text looks on a background with the Hex color 6035B1.

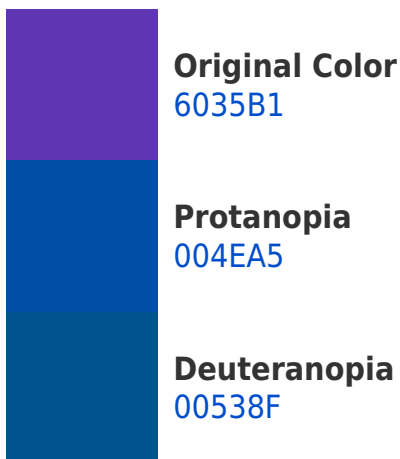


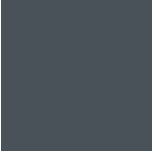
This preview shows how white text looks on a background with the Hex color 6035B1.

# 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**  
495259

# Trichromacy



**Original Color**  
6035B1



**Protanomaly**  
2345A9



**Deuteranomaly**  
23489B



**Tritanomaly**  
514779

# Monochromacy



**Original Color**  
6035B1



**Achromatopsia**  
505050



**Achromatomaly**  
564673

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6035B1 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 #6035B1 looks like.

```
.text, #text, p{  
    color:#6035B1  
}
```

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 #6035B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6035B1
}
```

## Border

The CSS property to change the border of an element to Hex 6035B1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

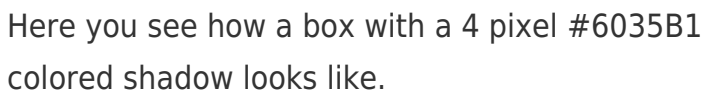
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6035B1 }
```

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

```
.border{ border-color:#6035B1 }
```

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



Here you see how a box with a 4 pixel #6035B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6035B1; -webkit-box-shadow:4px 4px  
4px 4px #6035B1; box-shadow:4px 4px 4px  
4px #6035B1 }
```

# Background

The CSS property to change the background color of an element to Hex 6035B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6035B1 }
```

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

```
.background{ background-color:#6035B1 }
```

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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