

Converting Colors

Hex(6035B0)

Have a look what the booklet for
Hex(6035B0) contains.

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Color

Hex(6035B0)

Conversions

Conversions Part 1

Format	Color
Hex	6035B0
RGB	96, 53, 176
RGB Percent	38%, 21%, 69%
CMY	0.6235, 0.7922, 0.3098
CMYK	0.45, 0.70, 0.00, 0.31
HSL	261°, 54%, 45%
HSV	261°, 70%, 69%
XYZ	13.9334, 8.1676, 41.9164
YIQ	79.8790, -13.8550, 47.3690

Conversions

Conversions Part 2

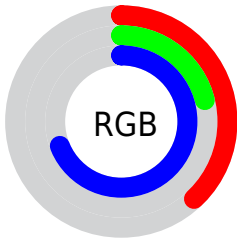
Format	Color
R_{YB}	96, 53, 176
Decimal	6305200
CIE _{Lab}	34.33, 46.70, -58.72
CIE _{LCh}	34, 75.025, 308.498
Yxy	8.1676, 0.2177, 0.1276
Android (android.graphics.Color)	4284495280 (0xFF6035B0)
YUV	79.8790, 47.3877, 14.1381
Hunter-Lab	28.5790, 37.0129, -66.9545

Details

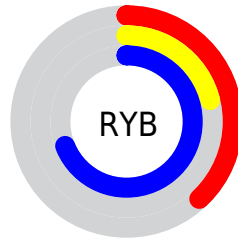
The Hex color **6035B0** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **85B035**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **9967E9**, and **24007A** is the 20% darker color. If you saturate the color by 10%, you get **5523B0**, and if you desaturate by 10%, it is **6B47B0**.

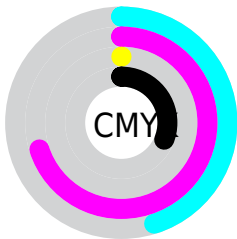
Distribution



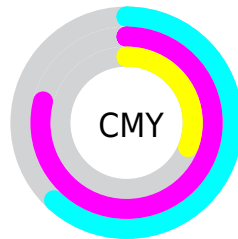
- Red (38%)
- Green (21%)
- Blue (69%)



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



- Cyan (45%)
- Magenta (70%)
- Yellow (0%)
- Black (31%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 6035B0 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 6035B0 by changing the saturation by 10% instead.

 6035B0

 6035B0


FFFFFF

 431C95

 9967E9

 24007A

 B581FF

 000061

 D29CFF

 000048

 F0B7FF

 000430

 FFD3FF

 00011B

 FFF0FF

 000000

 6035B0

 6035B0

 5523B0

 6B47B0

4912B0

7758B0

3E00B0

826AB0

8E7BB0

998DB0

A59FB0

B0B0B0

BCC2B0

C7D3B0

Harmonies

Analogous

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



0054CA



6035B0



A1007E

Triad

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



6035B0



853C00



006861

Complementary

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



6035B0



85B035

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.



006520



6035B0



545400

Square

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



6035B0



A70005



006000



00689B

Rectangle

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



6035B0



B10057



006000



00674C

Sweetspot

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



6035B0



C6B5E6



3587B0



605673



F2F2F2



737373

Same Dimension

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



6035B0



6825E6



9C35B0



535059



350099



09001A

Inverse Universe

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



B03585



E625A2



49B035



595056



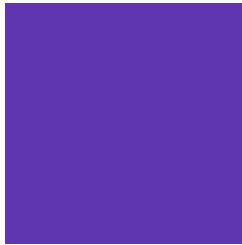
990064



1A0011

Previews

White Background



This preview shows how the Hex color 6035B0 looks on a white background.

Color Contrast Check

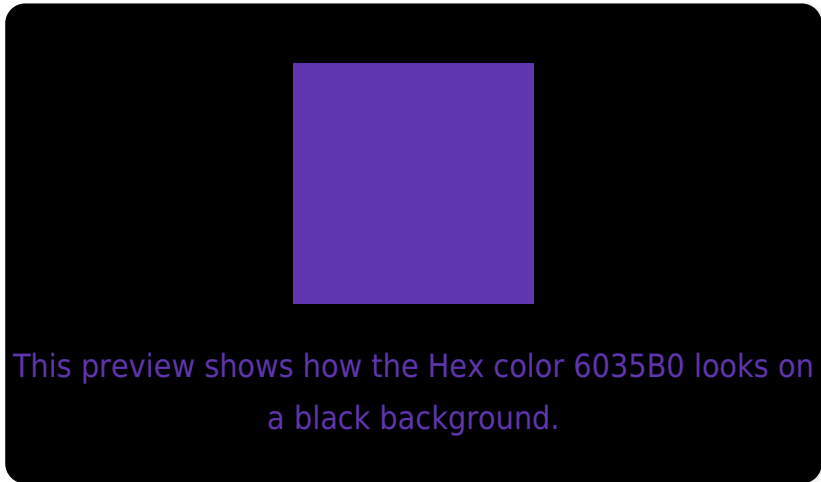
Large Text (above 18pt) WCAG AA ✓ Pass

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

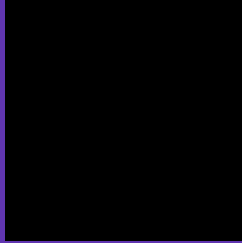
Any Text WCAG AA × Fail

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 6035B0 Background



This preview shows how black text looks on a background with the Hex color 6035B0.

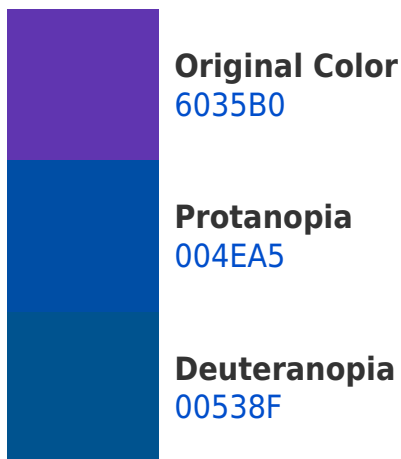


This preview shows how white text looks on a background with the Hex color 6035B0.

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
4A5259

Trichromacy



Original Color
6035B0

Protanomaly
2345A9

Deuteranomaly
23489B

Tritanomaly
524779

Monochromacy



Original Color
6035B0

Achromatopsia
505050

Achromatomaly
564673

CSS Examples

Text

The CSS property to change the color of the text to Hex 6035B0 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 #6035B0 looks like.

```
.text, #text, p{  
    color:#6035B0  
}
```

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 #6035B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6035B0
}
```

Border

The CSS property to change the border of an element to Hex 6035B0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

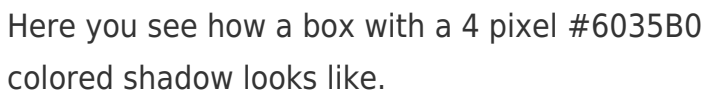
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6035B0 }
```

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

```
.border{ border-color:#6035B0 }
```

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



Here you see how a box with a 4 pixel #6035B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6035B0; -webkit-box-shadow:4px 4px  
4px 4px #6035B0; box-shadow:4px 4px 4px  
4px #6035B0 }
```

Background

The CSS property to change the background color of an element to Hex 6035B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6035B0 }
```

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

```
.background{ background-color:#6035B0 }
```

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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