

# Converting Colors

Hex(6041A0)

Have a look what the booklet for  
Hex(6041A0) contains.

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# Color

**Hex(6041A0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6041A0
RGB	96, 65, 160
RGB Percent	38%, 25%, 63%
CMY	0.6235, 0.7451, 0.3725
CMYK	0.40, 0.59, 0.00, 0.37
HSL	260°, 42%, 44%
HSV	260°, 59%, 63%
XYZ	13.0593, 8.8055, 34.2690
YIQ	85.0990, -12.0190, 36.1170

# Conversions

## Conversions Part 2

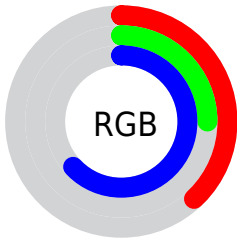
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 65, 160
Decimal	6308256
CIE <sub>Lab</sub>	35.61, 35.56, -47.07
CIE <sub>LCh</sub>	36, 58.991, 307.075
Yxy	8.8055, 0.2326, 0.1569
Android (android.graphics.Color)	4284498336 (0xFF6041A0)
YUV	85.0990, 36.9262, 9.5602
Hunter-Lab	29.6740, 26.6272, -47.6993

# Details

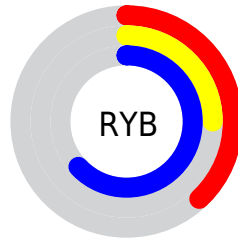
The Hex color **6041A0** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **81A041**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **9672D7**, and **2A136C** is the 20% darker color. If you saturate the color by 10%, you get **5531A0**, and if you desaturate by 10%, it is **6B51A0**.

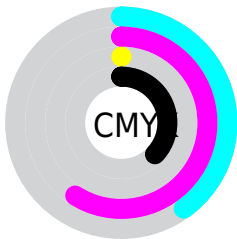
# Distribution



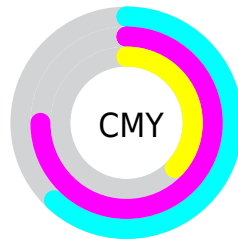
- Red (38%)
- Green (25%)
- Blue (63%)



- Red (38%)
- Yellow (25%)
- Blue (63%)



- Cyan (40%)
- Magenta (59%)
- Yellow (0%)
- Black (37%)



- Cyan (62%)
- Magenta (75%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6041A0 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 6041A0 by changing the saturation by 10% instead.



6041A0

6041A0

FFFFFF

452A85

9672D7

2A136C

B28CF4

080053

CFA7FF

00003B

ECC2FF

000224

FFDEFF

00000C

FFFBFF

000000

6041A0

6041A0

5531A0

6B51A0

■ 4A21A0

■ 7661A0

■ 4011A0

■ 8071A0

■ 3501A0

■ 8B81A0

■ 3400A0

■ 9691A0

■ A1A1A0

■ ABB1A0

■ B6C1A0

■ C1D1A0

# Harmonies

## Analogous

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



0056B3



6041A0



932379

# Triad

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



6041A0



834300



00685E

# Complementary

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



6041A0



81A041

# 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.



00662C



6041A0



5D5500

# Square

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



6041A0



9D291D



276000



00678C

# Rectangle

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



6041A0



A2115B



276000



00674E



# Sweetspot

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



6041A0



B8ABD1



4182A0



595269



E8E8E8



696969



# Same Dimension

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



6041A0



6D3DD1



8F41A0



4A474F



2F008F



05000F



# Inverse Universe

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



A04181



D13DA1



52A041



4F474C



8F0060

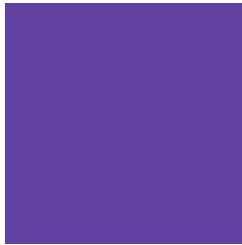


0F000A



# Previews

## White Background



This preview shows how the Hex color 6041A0 looks on a white background.

## Color Contrast Check

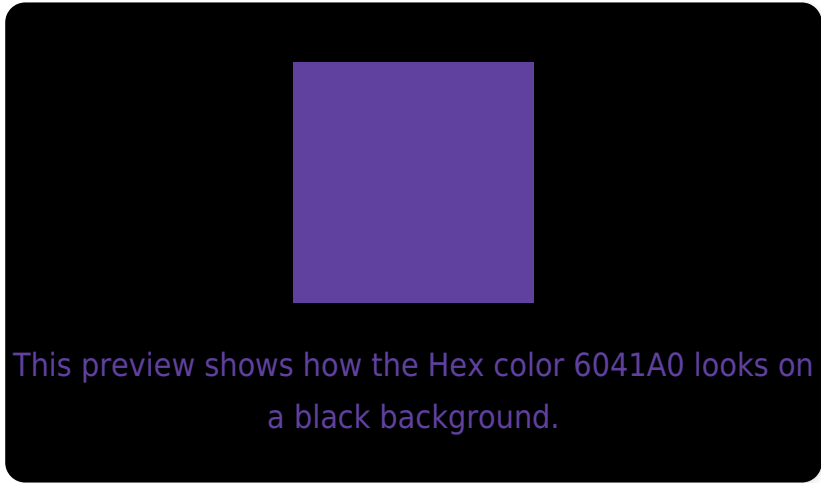
Large Text (above 18pt) WCAG AA ✓ Pass

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

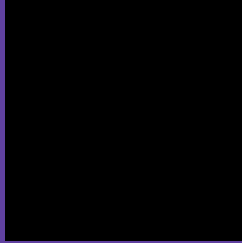
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6041A0 Background



This preview shows how black text looks on a background with the Hex color 6041A0.

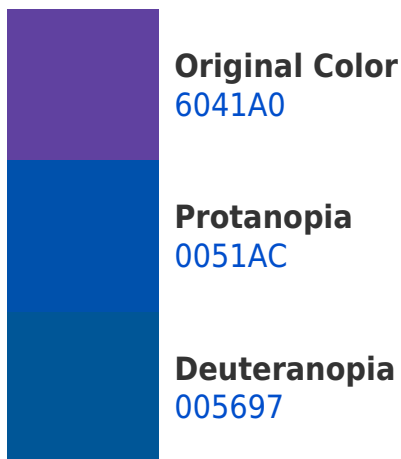


This preview shows how white text looks on a background with the Hex color 6041A0.

# 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](#).

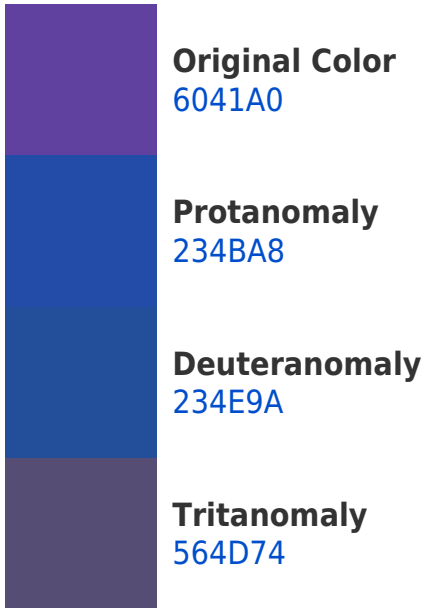
## Dichromacy



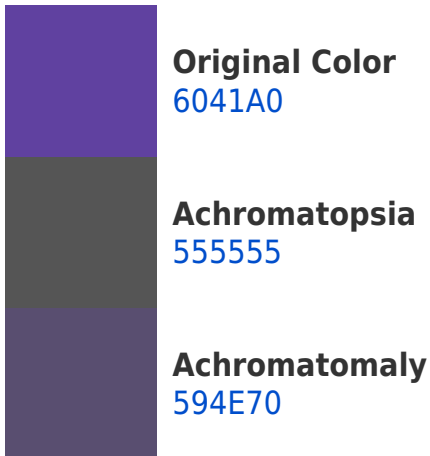


**Tritanopia**  
50545B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6041A0 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 #6041A0 looks like.

```
.text, #text, p{  
    color:#6041A0  
}
```

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 #6041A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6041A0
}
```

## Border

The CSS property to change the border of an element to Hex 6041A0 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
#6041A0 }
```

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

```
.border{ border-color:#6041A0 }
```

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

Here you see how a box with a 4 pixel #6041A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6041A0; -webkit-box-shadow:4px 4px  
4px 4px #6041A0; box-shadow:4px 4px 4px  
4px #6041A0 }
```

# Background

The CSS property to change the background color of an element to Hex 6041A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6041A0 }
```

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

```
.background{ background-color:#6041A0 }
```

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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