

Converting Colors

Hex(6000A1)

Have a look what the booklet for
Hex(6000A1) contains.

Hex(6000A1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6000A1)

Conversions

Conversions Part 1

Format	Color
Hex	6000A1
RGB	96, 0, 161
RGB Percent	38%, 0%, 63%
CMY	0.6235, 1.0000, 0.3686
CMYK	0.40, 1.00, 0.00, 0.37
HSL	276°, 100%, 32%
HSV	276°, 100%, 63%
XYZ	11.2569, 5.0600, 34.1016
YIQ	47.0580, 5.5350, 70.4230

Conversions

Conversions Part 2

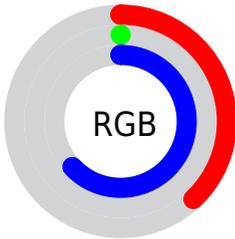
Format	Color
RYB	96, 0, 161
Decimal	6291617
CIELab	26.91, 60.61, -61.85
CIELCh	27, 86.594, 314.421
Yxy	5.0600, 0.2233, 0.1004
Android (android.graphics.Color)	4284481697 (0xFF6000A1)
YUV	47.0580, 56.1734, 42.9221
Hunter-Lab	22.4945, 49.9614, -74.1375

Details

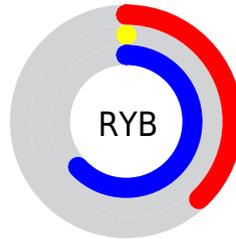
The Hex color **6000A1** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **41A100**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **9944D9**, and **24006C** is the 20% darker color. If you saturate the color by 10%, you get **6000A1**, and if you desaturate by 10%, it is **6710A1**.

Distribution



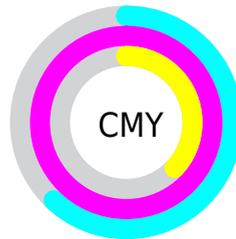
- Red (38%)
- Green (0%)
- Blue (63%)



- Red (38%)
- Yellow (0%)
- Blue (63%)



- Cyan (40%)
- Magenta (100%)
- Yellow (0%)
- Black (37%)



- Cyan (62%)
- Magenta (100%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6000A1 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 6000A1 by changing the saturation by 10% instead.

 6000A1

 6000A1

FFFFFF

 430086

 9944D9

 24006C

 B65FF6

 000053

 D47AFF

 00023B

 F196FF

 000224

 FF2FF

 00000C

 FFCEFF

 000000

 FFEBFF

 6000A1

 6710A1

 6D20A1

 7430A1

 7A40A1

 8151A1

 8761A1

 8E71A1

 9481A1

 9B91A1

Harmonies

Analogous

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



0041C5



6000A1



9D0065

Triad

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



6000A1



6A2F00



00565F

Complementary

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



6000A1



41A100

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.



005418



6000A1



304700

Square

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



6000A1



930000



005000



00579E

Rectangle

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



6000A1



A8003A



005000



005548

Sweetspot

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



6000A1



B892D1



0043A1



594369



E8E8E8



696969

Same Dimension

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



6000A1



7D00D1



A10094



4E4952



570091



0B0012

Inverse Universe

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



A10041



D10054



00A10D



52494D



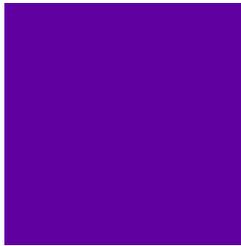
91003B



120007

Previews

White Background



This preview shows how the Hex color 6000A1 looks on a white background.

Color Contrast Check

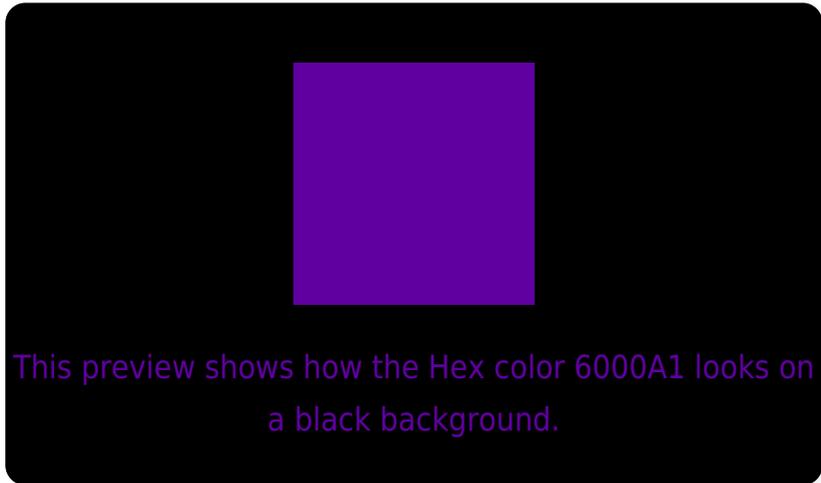
Large Text (above 18pt) WCAG AA ✓ Pass

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

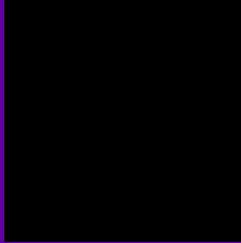
Any Text WCAG AA × Fail

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 6000A1 Background



This preview shows how black text looks on a background with the Hex color 6000A1.



This preview shows how white text looks on a background with the Hex color 6000A1.

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



Original Color
6000A1

Protanopia
004087

Deuteranopia
004474



Tritanopia
4C3F44

Trichromacy



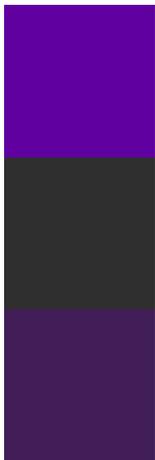
Original Color
6000A1

Protanomaly
232990

Deuteranomaly
232B84

Tritanomaly
532866

Monochromacy



Original Color
6000A1

Achromatopsia
2F2F2F

Achromatomaly
411E58

CSS Examples

Text

The CSS property to change the color of the text to Hex 6000A1 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 #6000A1 looks like.

```
.text, #text, p{  
    color:#6000A1  
}
```

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 #6000A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6000A1
}
```

Border

The CSS property to change the border of an element to Hex 6000A1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

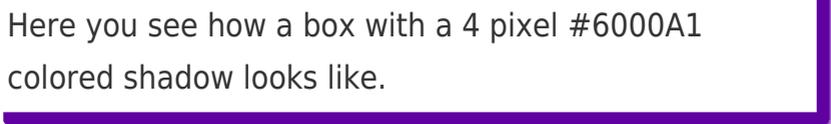
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6000A1 }
```

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

```
.border{ border-color:#6000A1 }
```

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



Here you see how a box with a 4 pixel #6000A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6000A1; -webkit-box-shadow:4px 4px  
4px 4px #6000A1; box-shadow:4px 4px 4px  
4px #6000A1 }
```

Background

The CSS property to change the background color of an element to Hex 6000A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6000A1 }
```

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

```
.background{ background-color:#6000A1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor