

# Converting Colors

Hex(6011A8)

Have a look what the booklet for  
Hex(6011A8) contains.

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**Color**

**Hex(6011A8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6011A8
RGB	96, 17, 168
RGB Percent	38%, 7%, 66%
CMY	0.6235, 0.9333, 0.3412
CMYK	0.43, 0.90, 0.00, 0.34
HSL	271°, 82%, 36%
HSV	271°, 90%, 66%
XYZ	12.0922, 5.7148, 37.5115
YIQ	57.8350, -1.3870, 63.7090

# Conversions

## Conversions Part 2

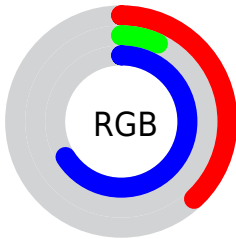
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 17, 168
Decimal	6295976
CIELab	28.68, 58.88, -63.17
CIElCh	29, 86.356, 312.988
Yxy	5.7148, 0.2186, 0.1033
Android (android.graphics.Color)	4284486056 (0xFF6011A8)
YUV	57.8350, 54.3113, 33.4707
Hunter-Lab	23.9057, 48.4553, -76.3005

# Details

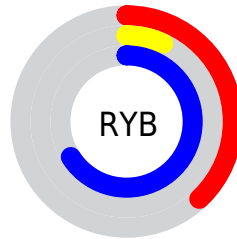
The Hex color **6011A8** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **59A811**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **994CE0**, and **220073** is the 20% darker color. If you saturate the color by 10%, you get **5800A8**, and if you desaturate by 10%, it is **6822A8**.

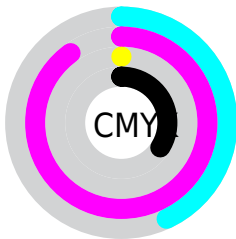
# Distribution



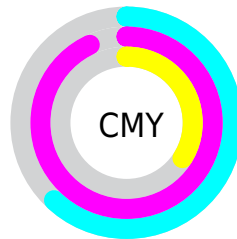
- Red (38%)
- Green (7%)
- Blue (66%)



- Red (38%)
- Yellow (7%)
- Blue (66%)



- Cyan (43%)
- Magenta (90%)
- Yellow (0%)
- Black (34%)



- Cyan (62%)
- Magenta (93%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6011A8 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 6011A8 by changing the saturation by 10% instead.



6011A8

6011A8

FFFFFF

43008D

994CE0

220073

B666FD

000059

D481FF

000041

F29DFF

000329

FFB9FF

000114

FFD5FF

000000

FFF2FF

6011A8

6011A8

■ 5800A8

■ 6822A8

■ 7033A8

■ 7843A8

■ 8054A8

■ 8865A8

■ 9076A8

■ 9887A8

■ A097A8

■ A8A8A8

# Harmonies

## Analogous

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



0046CB



6011A8



A0006C

# Triad

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



6011A8



723100



005A60

# Complementary

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



6011A8



59A811

# 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.



005818



6011A8



384A00

# Square

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



6011A8



9A0000



005400



005BA0

# Rectangle

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



6011A8



AD0041



005400



005A49



# Sweetspot

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



6011A8



BFA0DB



115AA8



5D4B6E



EDEDED



6E6E6E



# Same Dimension

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



6011A8



7300DB



A811A5



504C54



4D0094



0B0014



# Inverse Universe

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



A81159



DB0069



11A814



544C50



940047

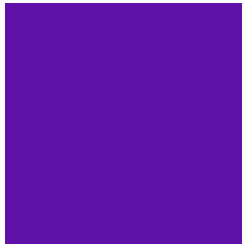


14000A



# Previews

## White Background



This preview shows how the Hex color 6011A8 looks on a white background.

## Color Contrast Check

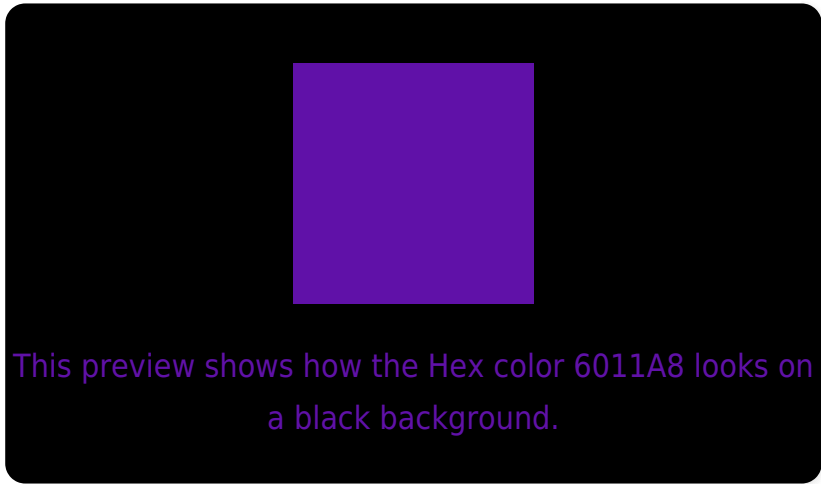
Large Text (above 18pt) WCAG AA ✓ Pass

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

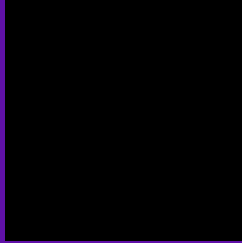
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6011A8 Background



This preview shows how black text looks on a background with the Hex color 6011A8.



This preview shows how white text looks on a background with the Hex color 6011A8.

# 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](#).

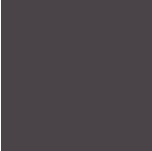
## Dichromacy



**Original Color**  
6011A8

**Protanopia**  
00438C

**Deuteranopia**  
004779



**Tritanopia**  
4A4348

# Trichromacy



**Original Color**  
6011A8



**Protanomaly**  
233196



**Deuteranomaly**  
23338A



**Tritanomaly**  
52316B

# Monochromacy



**Original Color**  
6011A8



**Achromatopsia**  
3A3A3A



**Achromatomaly**  
482B62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6011A8 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 #6011A8 looks like.

```
.text, #text, p{  
    color:#6011A8  
}
```

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 #6011A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6011A8
}
```

## Border

The CSS property to change the border of an element to Hex 6011A8 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
#6011A8 }
```

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

```
.border{ border-color:#6011A8 }
```

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

Here you see how a box with a 4 pixel #6011A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6011A8; -webkit-box-shadow:4px 4px  
4px 4px #6011A8; box-shadow:4px 4px 4px  
4px #6011A8 }
```

# Background

The CSS property to change the background color of an element to Hex 6011A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6011A8 }
```

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

```
.background{ background-color:#6011A8 }
```

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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