

Converting Colors

Hex(6A119C)

Have a look what the booklet for
Hex(6A119C) contains.

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Color

Hex(6A119C)

Conversions

Conversions Part 1

Format	Color
Hex	6A119C
RGB	106, 17, 156
RGB Percent	42%, 7%, 61%
CMY	0.5843, 0.9333, 0.3882
CMYK	0.32, 0.89, 0.00, 0.39
HSL	278°, 80%, 34%
HSV	278°, 89%, 61%
XYZ	12.1451, 5.8654, 31.9445
YIQ	59.4570, 8.4250, 62.0970

Conversions

Conversions Part 2

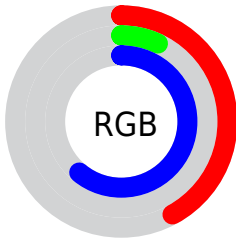
Format	Color
R_{YB}	106, 17, 156
Decimal	6951324
CIE _{Lab}	29.07, 57.57, -55.19
CIE _{LCh}	29, 79.750, 316.211
Yxy	5.8654, 0.2431, 0.1174
Android (android.graphics.Color)	4285141404 (0xFF6A119C)
YUV	59.4570, 47.5957, 40.8182
Hunter-Lab	24.2185, 47.1314, -61.2512

Details

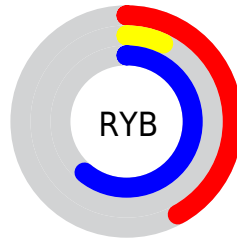
The Hex color **6A119C** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **439C11**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **A24CD4**, and **320067** is the 20% darker color. If you saturate the color by 10%, you get **64019C**, and if you desaturate by 10%, it is **70219C**.

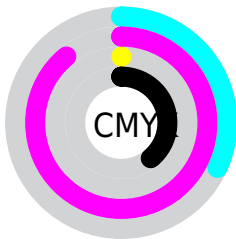
Distribution



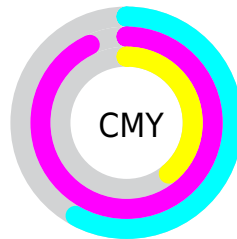
- Red (42%)
- Green (7%)
- Blue (61%)



- Red (42%)
- Yellow (7%)
- Blue (61%)



- Cyan (32%)
- Magenta (89%)
- Yellow (0%)
- Black (39%)



- Cyan (58%)
- Magenta (93%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A119C 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 6A119C by changing the saturation by 10% instead.

 6A119C

 6A119C

FFFFFF

 4E0081

 A24CD4

 320067

 BF67F0

 18004F

 DC82FF

 000037

 FA9EFF

 000220

 FFBAFF

 000005

 FFD6FF

 000000

 FFF3FF

 6A119C

 6A119C

■ 64019C

■ 70219C

■ 64009C

■ 75309C

■ 7B409C

■ 804F9C

■ 865F9C

■ 8C6F9C

■ 917E9C

■ 978E9C

■ 9D9D9C

Harmonies

Analogous

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



0043BF



6A119C



9E0064

Triad

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



6A119C



6C3700



005B66

Complementary

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



6A119C



439C11

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.



005924



6A119C



354C00

Square

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



6A119C



930000



005500



005B9F

Rectangle

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



6A119C



A8003B



005500



005A51

Sweetspot

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



6A119C



B895CC



11449C



5A4566



E6E6E6



666666

Same Dimension

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



6A119C



8300CC



9C1189



4C474F



5B008F



0A000F

Inverse Universe

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



9C1143



CC0049



119C24



4F474A



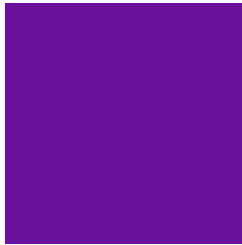
8F0033



0F0006

Previews

White Background



This preview shows how the Hex color 6A119C looks on a white background.

Color Contrast Check

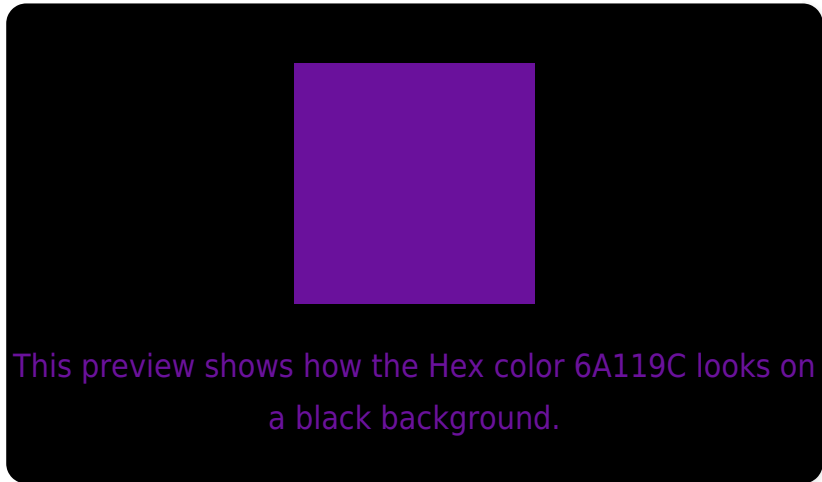
Large Text (above 18pt) WCAG AA ✓ Pass

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

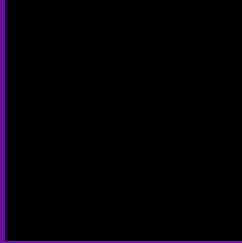
Any Text WCAG AA × Fail

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 6A119C Background



This preview shows how black text looks on a background with the Hex color 6A119C.



This preview shows how white text looks on a background with the Hex color 6A119C.

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
6A119C

Protanopia
00448F

Deuteranopia
00487C



Tritanopia
5A3E43

Trichromacy



Original Color
6A119C



Protanomaly
273194



Deuteranomaly
273488



Tritanomaly
602E63

Monochromacy



Original Color
6A119C



Achromatopsia
3B3B3B



Achromatomaly
4C2C5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A119C 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 #6A119C looks like.

```
.text, #text, p{  
    color:#6A119C  
}
```

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 #6A119C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A119C
}
```

Border

The CSS property to change the border of an element to Hex 6A119C is called "border". The border property can be set on classes, ids or directly on the HTML element.

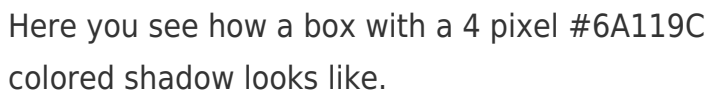
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A119C }
```

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

```
.border{ border-color:#6A119C }
```

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



Here you see how a box with a 4 pixel #6A119C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A119C; -webkit-box-shadow:4px 4px  
4px 4px #6A119C; box-shadow:4px 4px 4px  
4px #6A119C }
```

Background

The CSS property to change the background color of an element to Hex 6A119C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A119C }
```

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

```
.background{ background-color:#6A119C }
```

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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