Converting Colors

Hex(6A0879)

Have a look what the booklet for Hex(6A0879) contains.

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Color

Hex(6A0879)

Conversions

Conversions Part 1

Format	Color
Hex	6A0879
RGB	106, 8, 121
RGB Percent	42%, 3%, 47%
CMY	0.5843, 0.9686, 0.5255
CMYK	0.12, 0.93, 0.00, 0.53
HSL	292°, 88%, 25%
HSV	292°, 93%, 47%
XYZ	9.4819, 4.6183, 18.4808
YIQ	50.1840, 22.1350, 55.9190

Conversions

Conversions Part 2

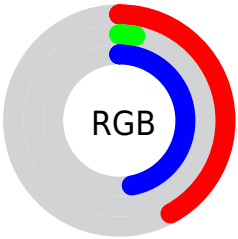
Format	Color
RYB	106, 8, 121
Decimal	6948985
CIELab	25.62, 52.50, -38.98
CIELCh	26, 65.391, 323.410
Yxy	4.6183, 0.2910, 0.1417
Android (android.graphics.Color)	4285139065 (0xFF6A0879)
YUV	50.1840, 34.9123, 48.9506
Hunter-Lab	21.4903, 41.1494, -35.9440

Details

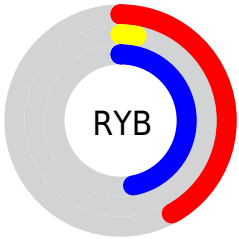
The Hex color 6A0879 is a dark color, and the websafe version is hex 660066. A complement of this color would be 177908, and the grayscale version is 323232.

A 20% lighter version of the original color is A146AE, and 360047 is the 20% darker color. If you saturate the color by 10%, you get 690079, and if you desaturate by 10%, it is 6C1479.

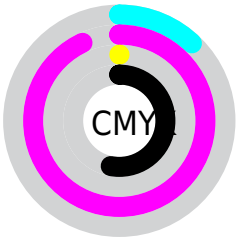
Distribution



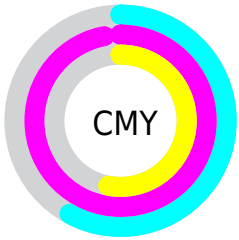
- Red (42%)
- Green (3%)
- Blue (47%)



- Red (42%)
- Yellow (3%)
- Blue (47%)



- Cyan (12%)
- Magenta (93%)
- Yellow (0%)
- Black (53%)



- Cyan (58%)
- Magenta (97%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A0879 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 6A0879 by changing the saturation by 10% instead.

6A0879	6A0879
FFFFFF	500060
A146AE	360047
BD61CA	1E0030
DA7BE6	00011A
F797FF	000000
FFB2FF	
FFCFFF	
FFECFF	

6A0879	6A0879

690079

6C1479

6D2079

6F2C79

703879

724479

745179

755D79

776979

787579

Harmonies

Analogous

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

00359A

6A0879

8A004A

Triad

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

6A0879

553700

005063

Complementary

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

6A0879

177908

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.

004E30

6A0879

244500

Square

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

6A0879

771900

004C00

004E8D

Rectangle

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

6A0879

8E002A

004C00

004F53

Sweetspot

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

6A0879

98729E

081779

4B344F

CFCFCF

4F4F4F

Same Dimension

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

6A0879

89009E

790850

3C373D

6C007D

DB00FC

Inverse Universe

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

790817

9E0015

087931

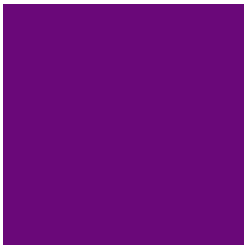
3D3738

7D0011

FC0022

Previews

White Background

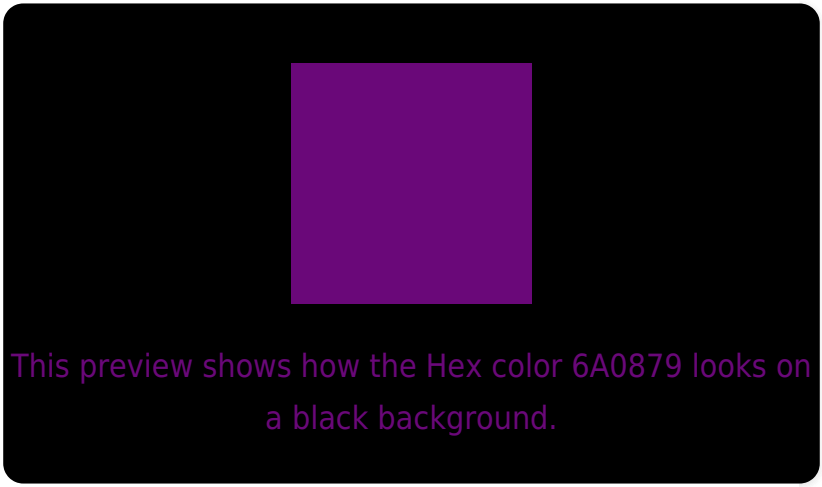


This preview shows how the Hex color 6A0879 looks on a white background.

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

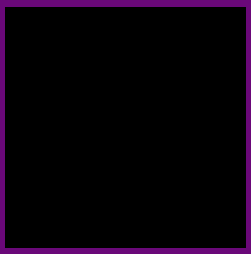


Color Contrast Check

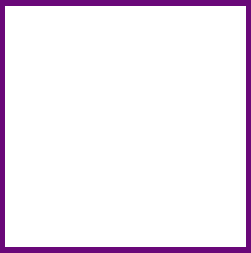
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 6A0879 Background



This preview shows how black text looks on a background with the Hex color 6A0879.



This preview shows how white text looks on a background with the Hex color 6A0879.

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
6A0879

Protanopia
003D81

Deuteranopia
084072

Tritanopia
613033

Trichromacy

Original Color
6A0879

Protanomaly
272A7E

Deuteranomaly
2C2C75

Tritanomaly
64214C

Monochromacy

Original Color
6A0879

Achromatopsia
323232

Achromatomaly
46234C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A0879 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 #6A0879 looks like.

```
.text, #text, p{
    color:#6A0879
}
```

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 #6A0879 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A0879
}
```

Border

The CSS property to change the border of an element to Hex 6A0879 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
#6A0879 }
```

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

```
.border{ border-color:#6A0879 }
```

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

Here you see how a box with a 4 pixel #6A0879 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #6A0879; -webkit-box-shadow:4px 4px 4px 4px #6A0879; box-shadow:4px 4px 4px 4px #6A0879 }
```

Background

The CSS property to change the background color of an element to Hex 6A0879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#6A0879 }
```

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

```
.background{ background-color:#6A0879 }
```

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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