

Converting Colors

Hex(8070A7)

Have a look what the booklet for
Hex(8070A7) contains.

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Color

Hex(8070A7)

Conversions

Conversions Part 1

Format	Color
Hex	8070A7
RGB	128, 112, 167
RGB Percent	50%, 44%, 65%
CMY	0.4980, 0.5608, 0.3451
CMYK	0.23, 0.33, 0.00, 0.35
HSL	257°, 24%, 55%
HSV	257°, 33%, 65%
XYZ	21.6713, 18.9676, 39.0781
YIQ	123.0540, -8.1190, 20.4970

Conversions

Conversions Part 2

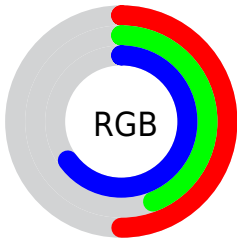
Format	Color
R_{YB}	128, 112, 167
Decimal	8417447
CIE _{Lab}	50.65, 18.18, -27.22
CIE _{LCh}	51, 32.730, 303.737
Yxy	18.9676, 0.2719, 0.2379
Android (android.graphics.Color)	4286607527 (0xFF8070A7)
YUV	123.0540, 21.6654, 4.3376
Hunter-Lab	43.5518, 12.6058, -22.7135

Details

The Hex color **8070A7** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **97A770**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B6A4DE**, and **4D4073** is the 20% darker color. If you saturate the color by 10%, you get **745FA7**, and if you desaturate by 10%, it is **8C81A7**.

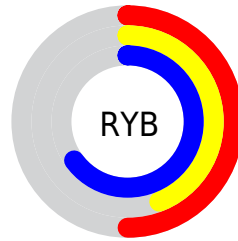
Distribution



Red (50%)

Green (44%)

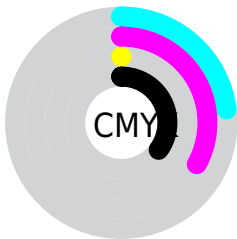
Blue (65%)



Red (50%)

Yellow (44%)

Blue (65%)

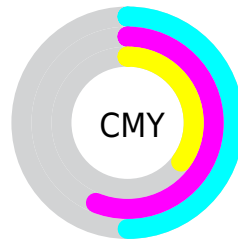


Cyan (23%)

Magenta (33%)

Yellow (0%)

Black (35%)



Cyan (50%)

Magenta (56%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8070A7 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 8070A7 by changing the saturation by 10% instead.

8070A7

8070A7

FFFFFF

66578C

B6A4DE

4D4073

D2BFFB

352A5A

EEDBFF

1E1542

FFF7FF

0C002C

000116

000000

8070A7

8070A7

745FA7

8C81A7

684FA7

9891A7

5C3EA7

A4A2A7

512DA7

AFB3A7

451CA7

BBC3A7

390CA7

C7D4A7

3100A7

D3E5A7

DFF6A7

EBFFA7

Harmonies

Analogous

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



547AB0



8070A7



9E6692

Triad

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



8070A7



9E6E47



13877B

Complementary

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



8070A7



97A770

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.



47855F



8070A7



877840

Square

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



8070A7



AC665B



6A8049



008697

Rectangle

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



8070A7



AA6380



6A8049



298772

Sweetspot

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



8070A7



C9C3D9



7097A7



64606E



EDEDED



6E6E6E

Same Dimension

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



8070A7



9B82D9



9B70A7



4E4C54



2B0094



060014

Inverse Universe

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



A77097



D982C0



7CA770



544C52



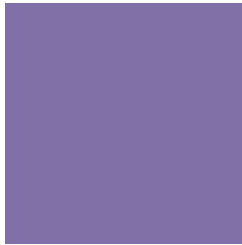
940069



14000E

Previews

White Background



This preview shows how the Hex color 8070A7 looks on a white background.

Color Contrast Check

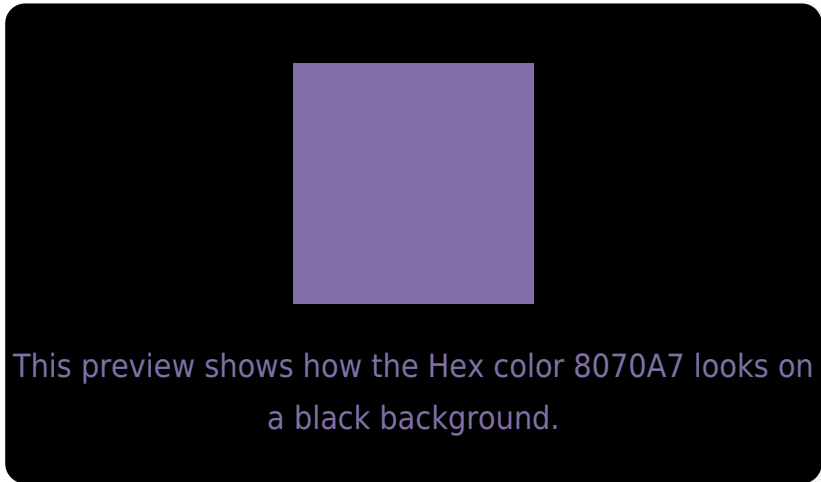
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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 × Fail

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

Hex 8070A7 Background



This preview shows how black text looks on a background with the Hex color 8070A7.

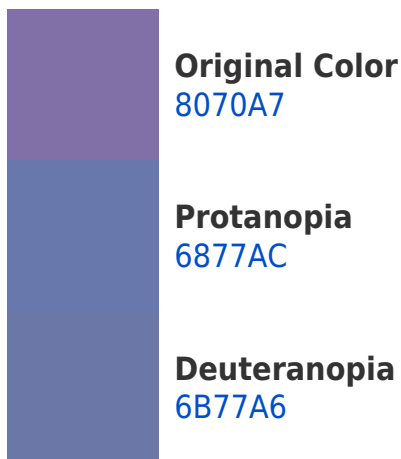


This preview shows how white text looks on a background with the Hex color 8070A7.

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
797881

Trichromacy



Original Color
8070A7

Protanomaly
7174AA

Deuteranomaly
7374A6

Tritanomaly
7C758F

Monochromacy



Original Color
8070A7

Achromatopsia
7B7B7B

Achromatomaly
7D778B

CSS Examples

Text

The CSS property to change the color of the text to Hex 8070A7 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 #8070A7 looks like.

```
.text, #text, p{  
    color:#8070A7  
}
```

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 #8070A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8070A7
}
```

Border

The CSS property to change the border of an element to Hex 8070A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

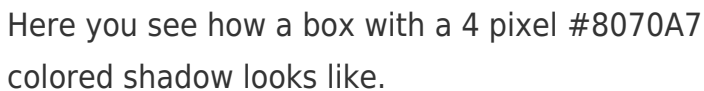
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8070A7 }
```

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

```
.border{ border-color:#8070A7 }
```

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



Here you see how a box with a 4 pixel #8070A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8070A7; -webkit-box-shadow:4px 4px  
4px 4px #8070A7; box-shadow:4px 4px 4px  
4px #8070A7 }
```

Background

The CSS property to change the background color of an element to Hex 8070A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8070A7 }
```

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

```
.background{ background-color:#8070A7 }
```

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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