

Converting Colors

Hex(8072A4)

Have a look what the booklet for
Hex(8072A4) contains.

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Color

Hex(8072A4)

Conversions

Conversions Part 1

Format	Color
Hex	8072A4
RGB	128, 114, 164
RGB Percent	50%, 45%, 64%
CMY	0.4980, 0.5529, 0.3569
CMYK	0.22, 0.30, 0.00, 0.36
HSL	257°, 22%, 55%
HSV	257°, 30%, 64%
XYZ	21.6202, 19.3042, 37.7085
YIQ	123.8860, -7.7060, 18.5180

Conversions

Conversions Part 2

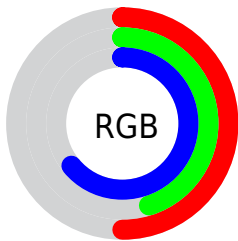
Format	Color
R_{YB}	128, 114, 164
Decimal	8417956
CIE _{Lab}	51.04, 16.25, -24.86
CIE _{LCh}	51, 29.701, 303.165
Yxy	19.3042, 0.2750, 0.2455
Android (android.graphics.Color)	4286608036 (0xFF8072A4)
YUV	123.8860, 19.7762, 3.6080
Hunter-Lab	43.9365, 10.9473, -20.1301

Details

The Hex color **8072A4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **96A472**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B6A6DB**, and **4E4270** is the 20% darker color. If you saturate the color by 10%, you get **7462A4**, and if you desaturate by 10%, it is **8C82A4**.

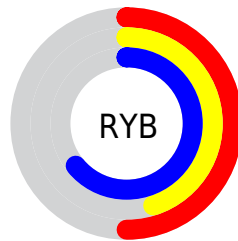
Distribution



Red (50%)

Green (45%)

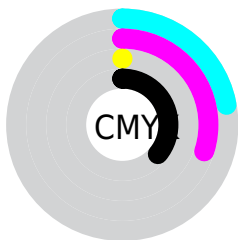
Blue (64%)



Red (50%)

Yellow (45%)

Blue (64%)

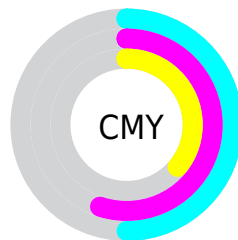


Cyan (22%)

Magenta (30%)

Yellow (0%)

Black (36%)



Cyan (50%)

Magenta (55%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8072A4 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 8072A4 by changing the saturation by 10% instead.

8072A4

8072A4

FFFFFF

66598A

B6A6DB

4E4270

D1C1F8

362C57

EEDDFF

1F1740

FFFAFF

0C002A

000114

000000

8072A4

8072A4

7462A4

8C82A4

6851A4

9893A4

5D41A4

A3A3A4

5130A4

AFB4A4

4520A4

BBC4A4

3910A4

C7D4A4

2E00A4

D3E5A4

DEF5A4

EAFFA4

Harmonies

Analogous

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



597BAC



8072A4



9C6A91

Triad

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



8072A4



9D704D



2A877B

Complementary

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



8072A4



96A472

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.



4E8562



8072A4



887946

Square

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



8072A4



A9695F



6D804E



068694

Rectangle

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



8072A4



A76680



6D804E



378773

Sweetspot

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



8072A4



C8C3D6



7297A4



635F6B



EBEBEB



6B6B6B

Same Dimension

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



8072A4



9D87D6



9872A4



4C4952



290091



050012

Inverse Universe

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



A47296



D687C0



7EA472



52494F



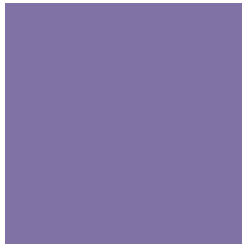
910069



12000D

Previews

White Background



This preview shows how the Hex color 8072A4 looks on a white background.

Color Contrast Check

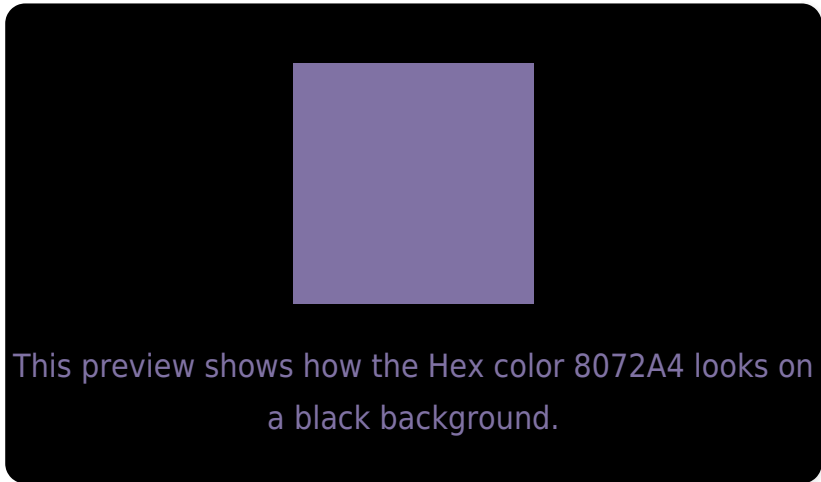
Large Text (above 18pt) WCAG AA ✓ Pass

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 8072A4 Background



This preview shows how black text looks on a background with the Hex color 8072A4.



This preview shows how white text looks on a background with the Hex color 8072A4.

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
8072A4

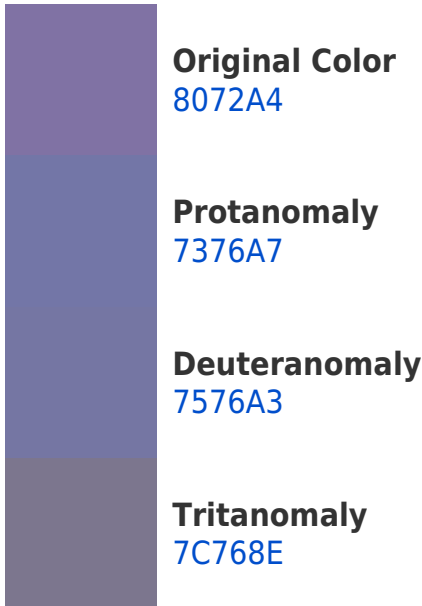
Protanopia
6B78A9

Deuteranopia
6F78A3

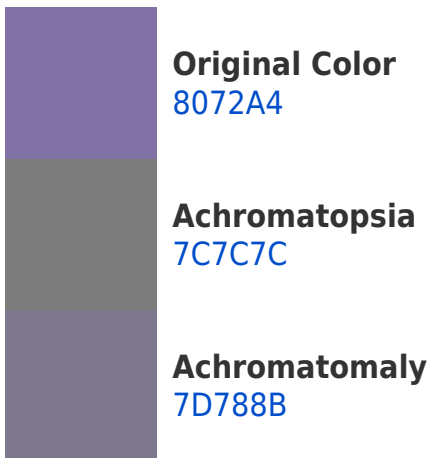


Tritanopia
7A7982

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8072A4 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 #8072A4 looks like.

```
.text, #text, p{  
    color:#8072A4  
}
```

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 #8072A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8072A4
}
```

Border

The CSS property to change the border of an element to Hex 8072A4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

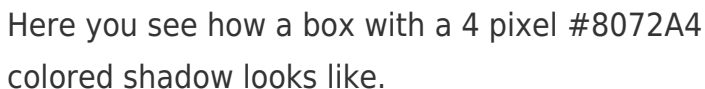
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8072A4 }
```

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

```
.border{ border-color:#8072A4 }
```

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



Here you see how a box with a 4 pixel #8072A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8072A4; -webkit-box-shadow:4px 4px  
4px 4px #8072A4; box-shadow:4px 4px 4px  
4px #8072A4 }
```

Background

The CSS property to change the background color of an element to Hex 8072A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8072A4 }
```

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

```
.background{ background-color:#8072A4 }
```

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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