

Converting Colors

Hex(8037A4)

Have a look what the booklet for
Hex(8037A4) contains.

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Color

Hex(8037A4)

Conversions

Conversions Part 1

Format	Color
Hex	8037A4
RGB	128, 55, 164
RGB Percent	50%, 22%, 64%
CMY	0.4980, 0.7843, 0.3569
CMYK	0.22, 0.66, 0.00, 0.36
HSL	280°, 50%, 43%
HSV	280°, 66%, 64%
XYZ	16.9691, 10.0019, 36.1581
YIQ	89.2530, 8.5190, 49.3750

Conversions

Conversions Part 2

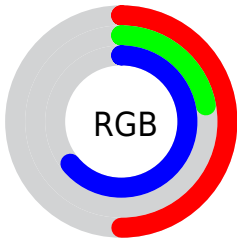
Format	Color
R _Y B	128, 55, 164
Decimal	8402852
CIE Lab	37.85, 49.45, -45.66
CIE LCh	38, 67.306, 317.280
Yxy	10.0019, 0.2688, 0.1584
Android (android.graphics.Color)	4286592932 (0xFF8037A4)
YUV	89.2530, 36.8503, 33.9811
Hunter-Lab	31.6258, 40.4307, -45.6489

Details

The Hex color **8037A4** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5BA437**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **B86BDC**, and **4A006F** is the 20% darker color. If you saturate the color by 10%, you get **7B27A4**, and if you desaturate by 10%, it is **8547A4**.

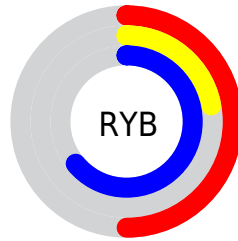
Distribution



Red (50%)

Green (22%)

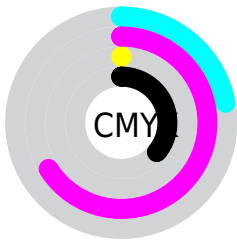
Blue (64%)



Red (50%)

Yellow (22%)

Blue (64%)

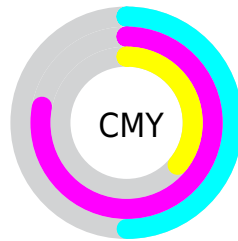


Cyan (22%)

Magenta (66%)

Yellow (0%)

Black (36%)



Cyan (50%)

Magenta (78%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8037A4 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 8037A4 by changing the saturation by 10% instead.

8037A4

8037A4

FFFFFF

651C89

B86BDC

4A006F

D485F8

300056

F2A1FF

18003E

FFBCFF

000327

FFD9FF

000111

FFF6FF

000000

8037A4

8037A4

7B27A4

8547A4

7516A4

8B58A4

7006A4

9068A4

6E00A4

9679A4

9B89A4

A099A4

A6AAA4

ABBAA4

B1CBA4

Harmonies

Analogous

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



0055C3



8037A4



AC0173

Triad

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



8037A4



804E00



007078

Complementary

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



8037A4



5BA437

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.



006E3F



8037A4



506000

Square

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



8037A4



A33101



006A00



006EA9

Rectangle

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



8037A4



B5004E



006A00



006F65

Sweetspot

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



8037A4



C8ABD6



375BA4



63516B



EBEBEB



6B6B6B

Same Dimension

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



8037A4



9E2BD6



A43792



4F4952



610091



0C0012

Inverse Universe

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



A4375B



D62B63



37A449



52494C



910030



120006

Previews

White Background



This preview shows how the Hex color 8037A4 looks on a white background.

Color Contrast Check

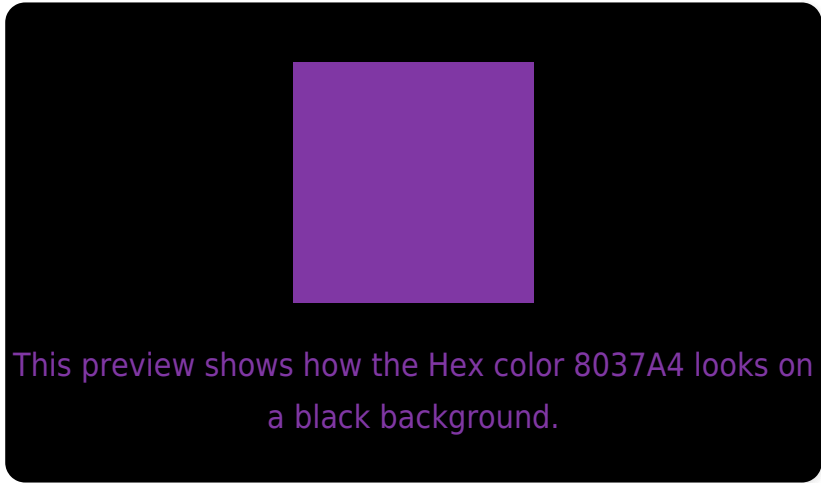
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

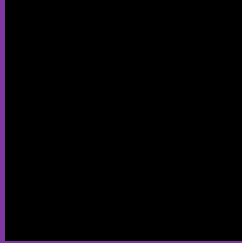
Any Text WCAG AA × Fail

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 8037A4 Background



This preview shows how black text looks on a background with the Hex color 8037A4.

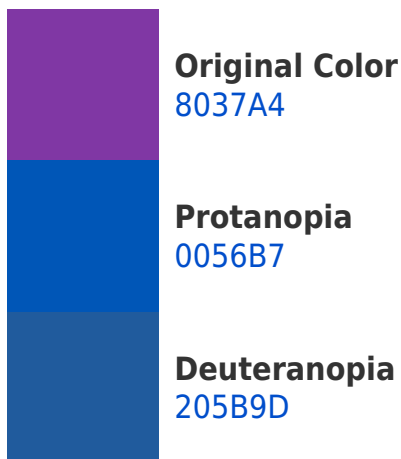


This preview shows how white text looks on a background with the Hex color 8037A4.

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
745056

Trichromacy



Original Color
8037A4



Protanomaly
2F4BB0



Deuteranomaly
434EA0



Tritanomaly
784772

Monochromacy



Original Color
8037A4



Achromatopsia
595959



Achromatomaly
674D74

CSS Examples

Text

The CSS property to change the color of the text to Hex 8037A4 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 #8037A4 looks like.

```
.text, #text, p{  
    color:#8037A4  
}
```

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 #8037A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8037A4
}
```

Border

The CSS property to change the border of an element to Hex 8037A4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

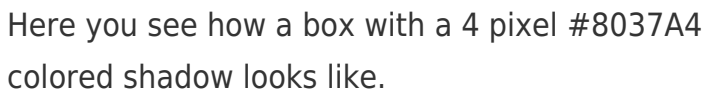
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8037A4 }
```

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

```
.border{ border-color:#8037A4 }
```

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



Here you see how a box with a 4 pixel #8037A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8037A4; -webkit-box-shadow:4px 4px  
4px 4px #8037A4; box-shadow:4px 4px 4px  
4px #8037A4 }
```

Background

The CSS property to change the background color of an element to Hex 8037A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8037A4 }
```

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

```
.background{ background-color:#8037A4 }
```

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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