

Converting Colors

Hex(8047AA)

Have a look what the booklet for
Hex(8047AA) contains.

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Color

Hex(8047AA)

Conversions

Conversions Part 1

Format	Color
Hex	8047AA
RGB	128, 71, 170
RGB Percent	50%, 28%, 67%
CMY	0.4980, 0.7216, 0.3333
CMYK	0.25, 0.58, 0.00, 0.33
HSL	275°, 41%, 47%
HSV	275°, 58%, 67%
XYZ	18.4110, 11.9980, 39.3757
YIQ	99.3290, 2.1930, 42.8730

Conversions

Conversions Part 2

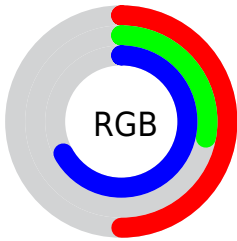
Format	Color
R _Y B	128, 71, 170
Decimal	8406954
CIE Lab	41.21, 42.69, -43.85
CIE LCh	41, 61.199, 314.236
Yxy	11.9980, 0.2638, 0.1719
Android (android.graphics.Color)	4286597034 (0xFF8047AA)
YUV	99.3290, 34.8408, 25.1445
Hunter-Lab	34.6381, 34.2608, -43.1528

Details

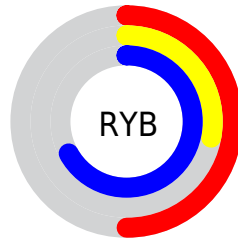
The Hex color **8047AA** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **71AA47**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **B77AE2**, and **4B1575** is the 20% darker color. If you saturate the color by 10%, you get **7936AA**, and if you desaturate by 10%, it is **8758AA**.

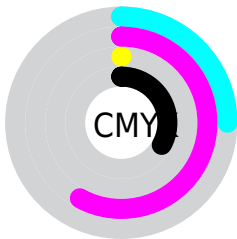
Distribution



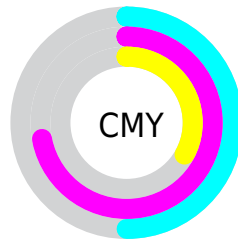
- Red (50%)
- Green (28%)
- Blue (67%)



- Red (50%)
- Yellow (28%)
- Blue (67%)



- Cyan (25%)
- Magenta (58%)
- Yellow (0%)
- Black (33%)



- Cyan (50%)
- Magenta (72%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8047AA 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 8047AA by changing the saturation by 10% instead.

 8047AA

 8047AA

FFFFFF

 652E8F

 B77AE2

 4B1575

 D494FF

 31005C

 F1B0FF

 1A0044

 FFCCFF

 00002D

 FFE8FF

 000117

 000000

 8047AA

 8047AA

 7936AA

 8758AA

7225AA

8E69AA

6A14AA

967AAA

6303AA

9D8BAA

6200AA

A49CAA

ABADAA

B2BEAA

BACFAA

C1E0AA

Harmonies

Analogous

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



005FC4



8047AA



AC2A7E

Triad

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



8047AA



8C5500



007779

Complementary

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



8047AA



71AA47

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.



007544



8047AA



606600

Square

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



8047AA



AB3C1B



1E7009



0076A7

Rectangle

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



8047AA



B7215C



1E7009



007767

Sweetspot

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



8047AA



CEB8DE



4772AA



675A70



F0F0F0



707070

Same Dimension

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



8047AA



9C43DE



AA47A3



514C54



550094



0C0014

Inverse Universe

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



AA4771



DE4384



47AA4E



544C4F



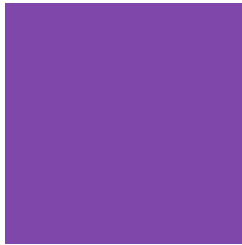
94003F



140009

Previews

White Background



This preview shows how the Hex color 8047AA 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

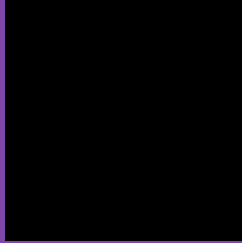
Any Text WCAG AA × Fail

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 8047AA Background



This preview shows how black text looks on a background with the Hex color 8047AA.

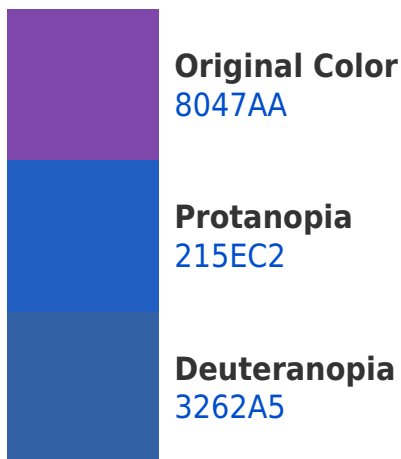


This preview shows how white text looks on a background with the Hex color 8047AA.

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](#).

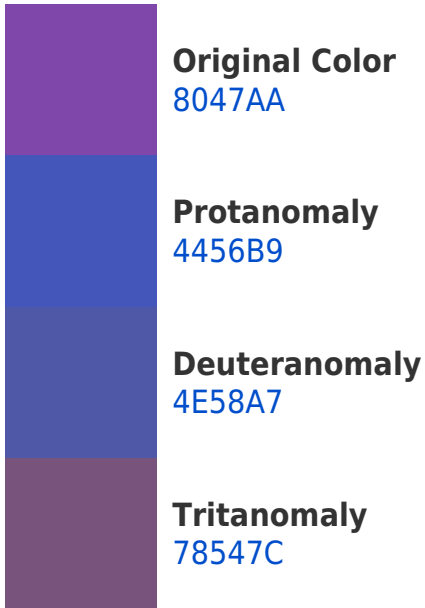
Dichromacy



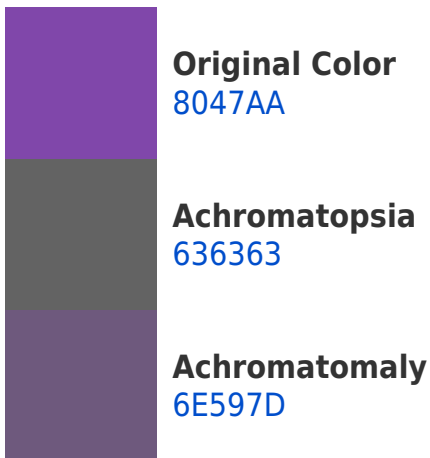


Tritanopia
745B62

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8047AA 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 #8047AA looks like.

```
.text, #text, p{  
    color:#8047AA  
}
```

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 #8047AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8047AA
}
```

Border

The CSS property to change the border of an element to Hex 8047AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

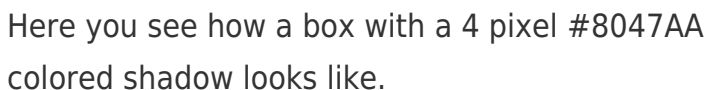
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8047AA }
```

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

```
.border{ border-color:#8047AA }
```

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



Here you see how a box with a 4 pixel #8047AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8047AA; -webkit-box-shadow:4px 4px  
4px 4px #8047AA; box-shadow:4px 4px 4px  
4px #8047AA }
```

Background

The CSS property to change the background color of an element to Hex 8047AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8047AA }
```

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

```
.background{ background-color:#8047AA }
```

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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