

Converting Colors

Hex(8045A7)

Have a look what the booklet for
Hex(8045A7) contains.

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Color

Hex(8045A7)

Conversions

Conversions Part 1

Format	Color
Hex	8045A7
RGB	128, 69, 167
RGB Percent	50%, 27%, 65%
CMY	0.4980, 0.7294, 0.3451
CMYK	0.23, 0.59, 0.00, 0.35
HSL	276°, 42%, 46%
HSV	276°, 59%, 65%
XYZ	18.0053, 11.6355, 37.8561
YIQ	97.8130, 3.7060, 42.9860

Conversions

Conversions Part 2

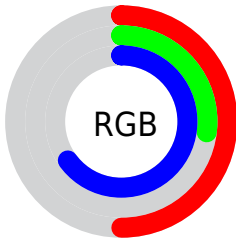
Format	Color
R_{YB}	128, 69, 167
Decimal	8406439
CIE _{Lab}	40.63, 43.06, -42.99
CIE _{LCh}	41, 60.851, 315.045
Yxy	11.6355, 0.2668, 0.1724
Android (android.graphics.Color)	4286596519 (0xFF8045A7)
YUV	97.8130, 34.1092, 26.4740
Hunter-Lab	34.1108, 34.5267, -41.9224

Details

The Hex color **8045A7** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6CA745**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **B778DF**, and **4B1272** is the 20% darker color. If you saturate the color by 10%, you get **7934A7**, and if you desaturate by 10%, it is **8756A7**.

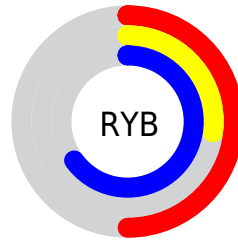
Distribution



Red (50%)

Green (27%)

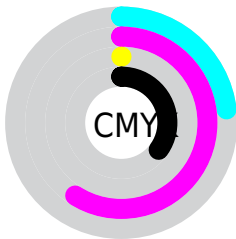
Blue (65%)



Red (50%)

Yellow (27%)

Blue (65%)

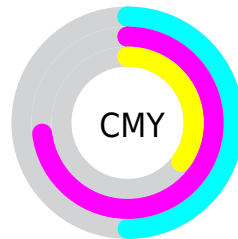


Cyan (23%)

Magenta (59%)

Yellow (0%)

Black (35%)



Cyan (50%)

Magenta (73%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8045A7 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 8045A7 by changing the saturation by 10% instead.

8045A7

8045A7

FFFFFF

652C8C

B778DF

4B1272

D492FC

310059

F1AEFF

1B0041

FFC9FF

00012A

FFE6FF

000114

000000

8045A7

8045A7

7934A7

8756A7

7324A7

8D66A7

6C13A7

9477A7

6502A7

9B88A7

6500A7

A198A7

A8A9A7

AFBAA7

B5CBA7

BCDBA7

Harmonies

Analogous

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



005DC1



8045A7



AB297B

Triad

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



8045A7



895400



007678

Complementary

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



8045A7



6CA745

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.



007444



8045A7



5D6500

Square

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



8045A7



A83C19



1A6F0A



0074A6

Rectangle

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



8045A7



B6205A



1A6F0A



007567

Sweetspot

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



8045A7



C9B2D9



456CA7



64566E



EDEDED



6E6E6E

Same Dimension

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



8045A7



9C41D9



A7459D



514C54



590094



0C0014

Inverse Universe

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



A7456C



D9417D



45A74F



544C4F



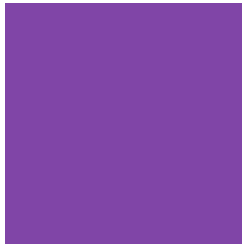
94003B



140008

Previews

White Background



This preview shows how the Hex color 8045A7 looks on a white background.

Color Contrast Check

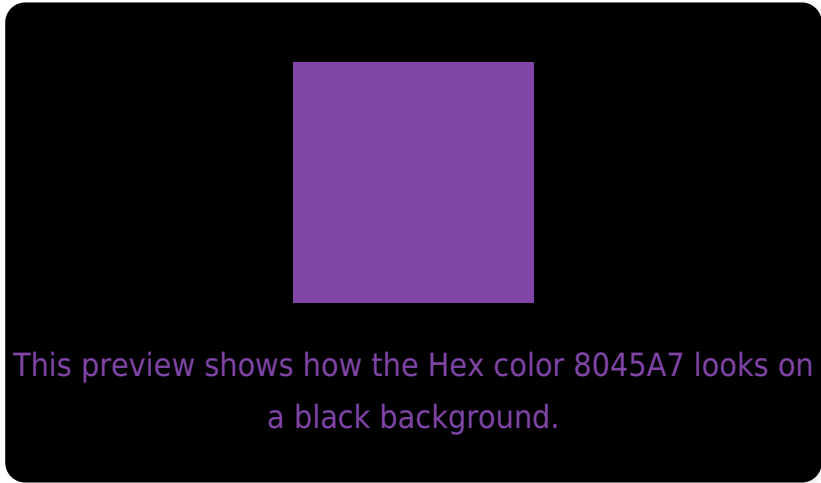
Large Text (above 18pt) WCAG AA ✓ Pass

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

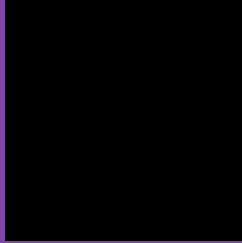
Any Text WCAG AA × Fail

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 8045A7 Background



This preview shows how black text looks on a background with the Hex color 8045A7.

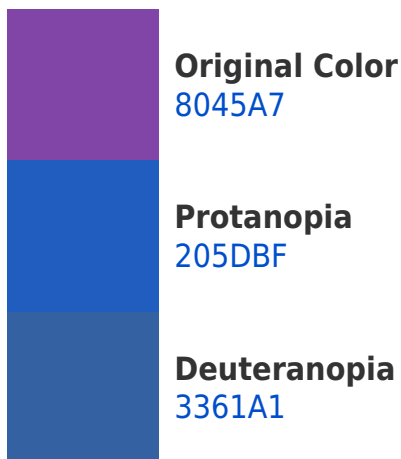



This preview shows how white text looks on a background with the Hex color 8045A7.

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](#).

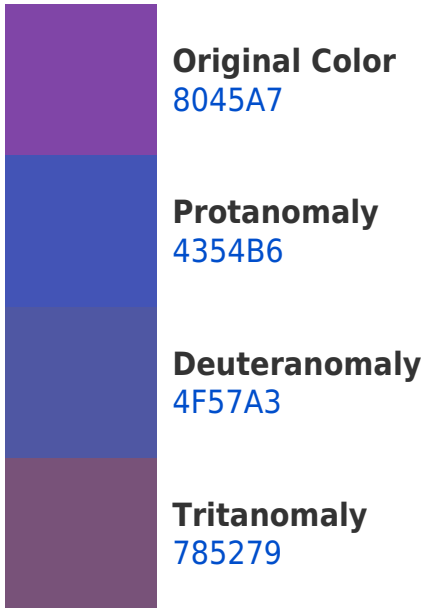
Dichromacy



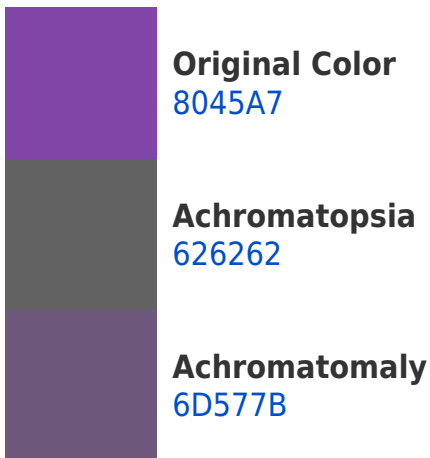


Tritanopia
74595F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8045A7 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 #8045A7 looks like.

```
.text, #text, p{  
    color:#8045A7  
}
```

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 #8045A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8045A7
}
```

Border

The CSS property to change the border of an element to Hex 8045A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

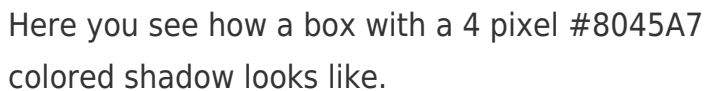
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8045A7 }
```

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

```
.border{ border-color:#8045A7 }
```

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



Here you see how a box with a 4 pixel #8045A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8045A7; -webkit-box-shadow:4px 4px  
4px 4px #8045A7; box-shadow:4px 4px 4px  
4px #8045A7 }
```

Background

The CSS property to change the background color of an element to Hex 8045A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8045A7 }
```

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

```
.background{ background-color:#8045A7 }
```

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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