

Converting Colors

Hex(8B7499)

Have a look what the booklet for
Hex(8B7499) contains.

Hex(8B7499)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8B7499)

Conversions

Conversions Part 1

Format	Color
Hex	8B7499
RGB	139, 116, 153
RGB Percent	55%, 45%, 60%
CMY	0.4549, 0.5451, 0.4000
CMYK	0.09, 0.24, 0.00, 0.40
HSL	277°, 15%, 53%
HSV	277°, 24%, 60%
XYZ	22.6426, 20.2797, 32.8580
YIQ	127.0950, 1.8310, 16.3830

Conversions

Conversions Part 2

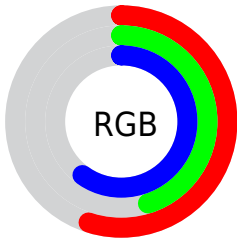
Format	Color
R_{YB}	139, 116, 153
Decimal	9139353
CIE _{Lab}	52.15, 16.20, -16.65
CIE _{LCh}	52, 23.226, 314.216
Yxy	20.2797, 0.2988, 0.2676
Android (android.graphics.Color)	4287329433 (0xFF8B7499)
YUV	127.0950, 12.7712, 10.4407
Hunter-Lab	45.0329, 10.9424, -11.7375

Details

The Hex color **8B7499** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **829974**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **C1A8CF**, and **594466** is the 20% darker color. If you saturate the color by 10%, you get **856599**, and if you desaturate by 10%, it is **918399**.

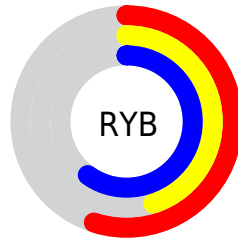
Distribution



Red (55%)

Green (45%)

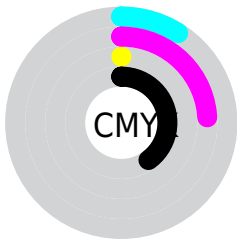
Blue (60%)



Red (55%)

Yellow (45%)

Blue (60%)

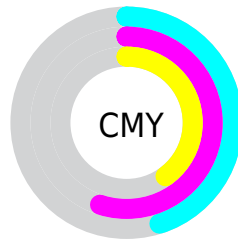


Cyan (9%)

Magenta (24%)

Yellow (0%)

Black (40%)



Cyan (45%)

Magenta (55%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B7499 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 8B7499 by changing the saturation by 10% instead.

8B7499

8B7499

FFFFFF

715B7F

C1A8CF

594466

DDC3EC

412D4E

F9DFFF

2A1837

FFFCFF

180022

000008

000000

8B7499

8B7499

856599

918399

7F5599

979399

7A4699

9CA299

743799

A2B199

6E2799

A8C199

681899

AED099

620999

B4DF99

5F0099

B9EE99

BFFE99

Harmonies

Analogous

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



717BA3



8B7499



9D6F88

Triad

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



8B7499



947856



418785

Complementary

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



8B7499



829974

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.



548771



8B7499



817E56

Square

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



8B7499



A17162



6A835F



3F8697

Rectangle

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



8B7499



A36E7A



6A835F



46877F

Sweetspot

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



8B7499



C2B9C7



748299



605B63



E3E3E3



636363

Same Dimension

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



8B7499



B18DC7



997495



4A454D



57008C



08000D

Inverse Universe

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



997482



C78DA3



749978



4D4548



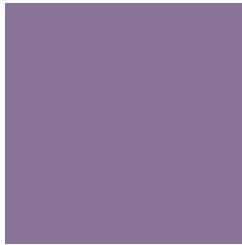
8C0035



0D0005

Previews

White Background



This preview shows how the Hex color 8B7499 looks on a white background.

Color Contrast Check

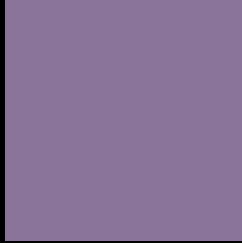
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 8B7499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

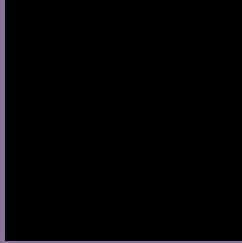
Any Text WCAG AA ✓ Pass

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 8B7499 Background



This preview shows how black text looks on a background with the Hex color 8B7499.



This preview shows how white text looks on a background with the Hex color 8B7499.

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
877882

Trichromacy



Original Color
8B7499

Protanomaly
7C789C

Deuteranomaly
817898

Tritanomaly
88778A

Monochromacy



Original Color
8B7499

Achromatopsia
7F7F7F

Achromatomaly
837B88

CSS Examples

Text

The CSS property to change the color of the text to Hex 8B7499 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 #8B7499 looks like.

```
.text, #text, p{  
    color:#8B7499  
}
```

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 #8B7499 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B7499
}
```

Border

The CSS property to change the border of an element to Hex 8B7499 is called "border". The border property can be set on classes, ids or directly on the HTML element.

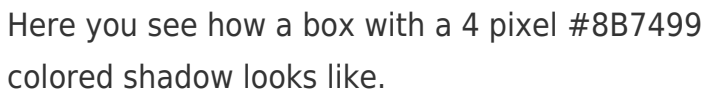
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B7499 }
```

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

```
.border{ border-color:#8B7499 }
```

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



Here you see how a box with a 4 pixel #8B7499 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B7499; -webkit-box-shadow:4px 4px  
4px 4px #8B7499; box-shadow:4px 4px 4px  
4px #8B7499 }
```

Background

The CSS property to change the background color of an element to Hex 8B7499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B7499 }
```

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

```
.background{ background-color:#8B7499 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor