

Converting Colors

Hex(7F5AAF)

Have a look what the booklet for
Hex(7F5AAF) contains.

| | |
|--|----|
| Hex(7F5AAF) | 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(7F5AAF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 7F5AAF |
| RGB | 127, 90, 175 |
| RGB Percent | 50%, 35%, 69% |
| CMY | 0.5020, 0.6471, 0.3137 |
| CMYK | 0.27, 0.49, 0.00, 0.31 |
| HSL | 266°, 35%, 52% |
| HSV | 266°, 49%, 69% |
| XYZ | 20.1464, 14.9195, 42.3754 |
| YIQ | 110.7530, -5.2330, 34.2790 |

Conversions

Conversions Part 2

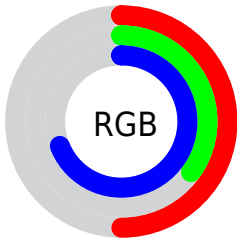
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 127, 90, 175 |
| Decimal | 8346287 |
| CIE Lab | 45.52, 32.93, -39.95 |
| CIE LCh | 46, 51.769, 309.502 |
| Yxy | 14.9195, 0.2602, 0.1927 |
| Android (android.graphics.Color) | 4286536367 (0xFF7F5AAF) |
| YUV | 110.7530, 31.6738, 14.2486 |
| Hunter-Lab | 38.6258, 25.5069, -38.0075 |

Details

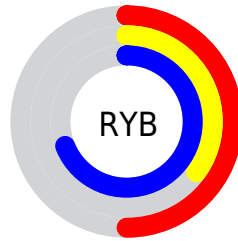
The Hex color **7F5AAF** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **8AAF5A**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B68DE7**, and **4B2B7A** is the 20% darker color. If you saturate the color by 10%, you get **7549AF**, and if you desaturate by 10%, it is **896CAF**.

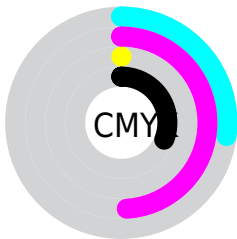
Distribution



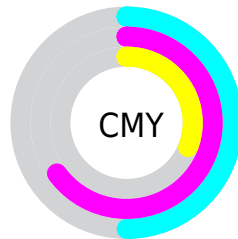
- Red (50%)
- Green (35%)
- Blue (69%)



- Red (50%)
- Yellow (35%)
- Blue (69%)



- Cyan (27%)
- Magenta (49%)
- Yellow (0%)
- Black (31%)



- Cyan (50%)
- Magenta (65%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F5AAF 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 7F5AAF by changing the saturation by 10% instead.

7F5AAF

7F5AAF

FFFFFF

654294

B68DE7

4B2B7A

D2A8FF

311461

EFC3FF

170048

FFDFFF

000031

FFFCFF

00011B

000000

7F5AAF

7F5AAF

7549AF

896CAF

6B37AF

937DAF

6126AF

9D8FAF

5714AF

A7A0AF

4E03AF

B0B2AF

4C00AF

BAC3AF

C4D5AF

CEE6AF

D8F8AF

Harmonies

Analogous

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



1E6CC2



7F5AAF



AA478B

Triad

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



7F5AAF



995F13



008079

Complementary

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



7F5AAF



8AAF5A

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.



007E4C



7F5AAF



746E02

Square

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



7F5AAF



B24C37



457823



007FA2

Rectangle

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



7F5AAF



B7416E



457823



00806A

Sweetspot

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



7F5AAF



D0C1E3



5A8AAF



675E73



F2F2F2



737373

Same Dimension

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



7F5AAF



995FE3



A95AAF



524E57



410096



0A0017

Inverse Universe

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



AF5A8A



E35FAA



60AF5A



574E53



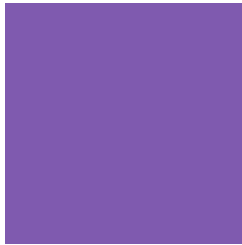
960055



17000D

Previews

White Background



This preview shows how the Hex color 7F5AAF 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

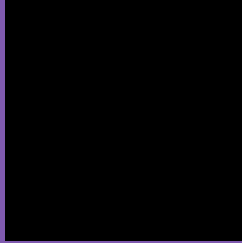
Any Text WCAG AA × Fail

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 7F5AAF Background



This preview shows how black text looks on a background with the Hex color 7F5AAF.

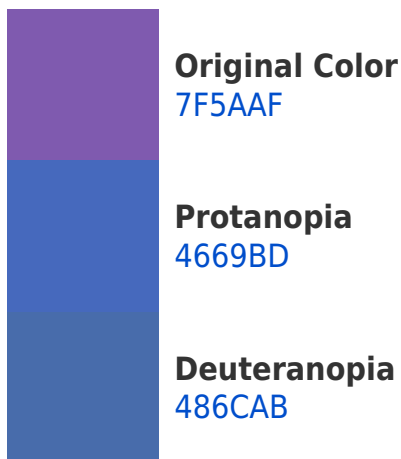



This preview shows how white text looks on a background with the Hex color 7F5AAF.

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
746971

Trichromacy



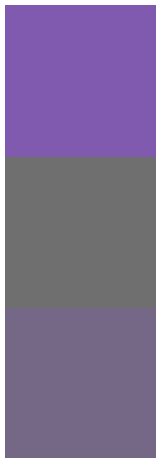
Original Color
7F5AAF

Protanomaly
5B64B8

Deuteranomaly
5C65AC

Tritanomaly
786488

Monochromacy



Original Color
7F5AAF

Achromatopsia
6F6F6F

Achromatomaly
756786

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F5AAF 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 #7F5AAF looks like.

```
.text, #text, p{  
  color:#7F5AAF  
}
```

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 #7F5AAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F5AAF
}
```

Border

The CSS property to change the border of an element to Hex 7F5AAF 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
#7F5AAF }
```

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

```
.border{ border-color:#7F5AAF }
```

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

Here you see how a box with a 4 pixel #7F5AAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F5AAF; -webkit-box-shadow:4px 4px  
4px 4px #7F5AAF; box-shadow:4px 4px 4px  
4px #7F5AAF }
```

Background

The CSS property to change the background color of an element to Hex 7F5AAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F5AAF }
```

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

```
.background{ background-color:#7F5AAF }
```

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