

Converting Colors

Hex(7F5CAB)

Have a look what the booklet for
Hex(7F5CAB) contains.

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Color

Hex(7F5CAB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 7F5CAB |
| RGB | 127, 92, 171 |
| RGB Percent | 50%, 36%, 67% |
| CMY | 0.5020, 0.6392, 0.3294 |
| CMYK | 0.26, 0.46, 0.00, 0.33 |
| HSL | 267°, 32%, 52% |
| HSV | 267°, 46%, 67% |
| XYZ | 19.9302, 15.1066, 40.3935 |
| YIQ | 111.4710, -4.4990, 31.9890 |

Conversions

Conversions Part 2

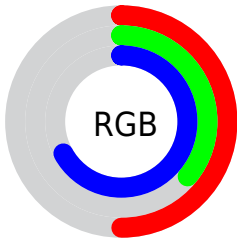
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 127, 92, 171 |
| Decimal | 8346795 |
| CIE _{Lab} | 45.78, 30.76, -37.19 |
| CIE _{LCh} | 46, 48.261, 309.590 |
| Yxy | 15.1066, 0.2642, 0.2003 |
| Android (android.graphics.Color) | 4286536875 (0xFF7F5CAB) |
| YUV | 111.4710, 29.3478, 13.6189 |
| Hunter-Lab | 38.8672, 23.5132, -34.4113 |

Details

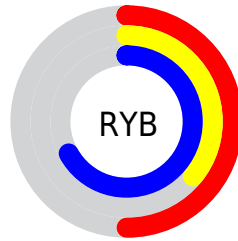
The Hex color **7F5CAB** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **88AB5C**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **B58FE3**, and **4B2D76** is the 20% darker color. If you saturate the color by 10%, you get **754BAB**, and if you desaturate by 10%, it is **896DAB**.

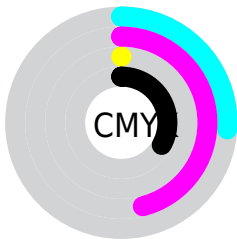
Distribution



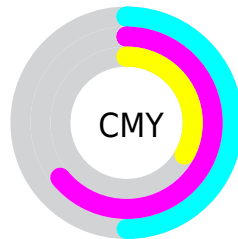
- Red (50%)
- Green (36%)
- Blue (67%)



- Red (50%)
- Yellow (36%)
- Blue (67%)



- Cyan (26%)
- Magenta (46%)
- Yellow (0%)
- Black (33%)



- Cyan (50%)
- Magenta (64%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F5CAB 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 7F5CAB by changing the saturation by 10% instead.

7F5CAB

7F5CAB

FFFFFF

654490

B58FE3

4B2D76

D2AAFF

32165D

EEC5FF

190045

FFE1FF

00002E

FFFEFF

000118

000000

7F5CAB

7F5CAB

754BAB

896DAB

6C3AAB

927EAB

6229AB

9C8FAB

5918AB

A5A0AB

4F06AB

AFB1AB

4C00AB

B8C3AB

C2D4AB

CBE5AB

D5F6AB

Harmonies

Analogous

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



2F6DBC



7F5CAB



A74B89

Triad

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



7F5CAB



97601C



008079

Complementary

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



7F5CAB



88AB5C

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.



007E4F



7F5CAB



756F12

Square

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



7F5CAB



AF503B



497829



007E9F

Rectangle

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



7F5CAB



B3466F



497829



007F6B

Sweetspot

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



7F5CAB



CDBFDE



5C89AB



665D70



F0F0F0



707070

Same Dimension

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



7F5CAB



9A64DE



A65CAB



524E57



430096



0A0017

Inverse Universe

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



AB5C88



DE64A8



61AB5C



574E53



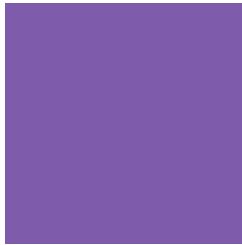
960054



17000D

Previews

White Background



This preview shows how the Hex color 7F5CAB looks on a white background.

Color Contrast Check

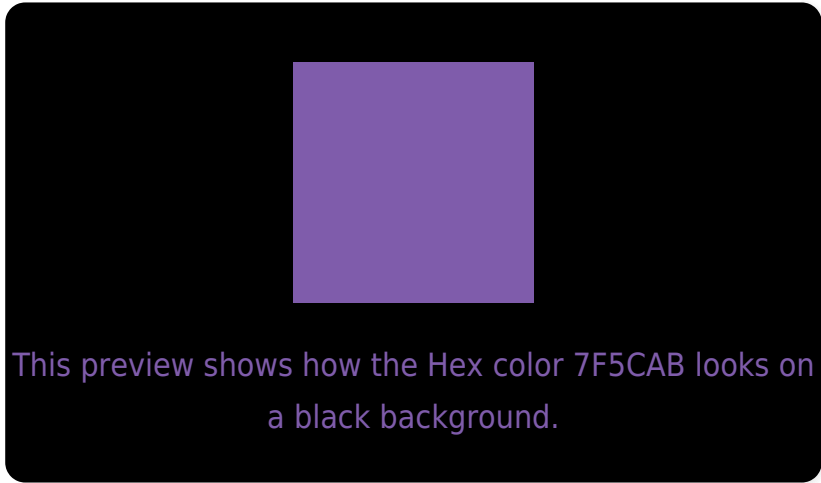
Large Text (above 18pt) WCAG AA ✓ Pass

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

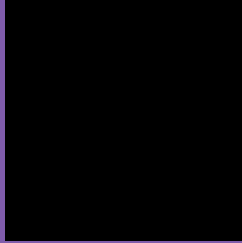
Any Text WCAG AA × Fail

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 7F5CAB Background



This preview shows how black text looks on a background with the Hex color 7F5CAB.

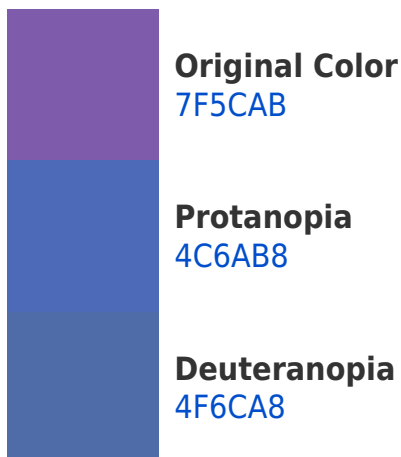



This preview shows how white text looks on a background with the Hex color 7F5CAB.

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
756971

Trichromacy



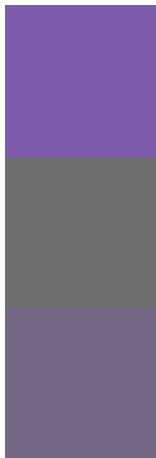
Original Color
7F5CAB

Protanomaly
5F65B3

Deuteranomaly
6066A9

Tritanomaly
796486

Monochromacy



Original Color
7F5CAB

Achromatopsia
6F6F6F

Achromatomaly
756885

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F5CAB 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 #7F5CAB looks like.

```
.text, #text, p{  
    color:#7F5CAB  
}
```

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 #7F5CAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F5CAB
}
```

Border

The CSS property to change the border of an element to Hex 7F5CAB 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
#7F5CAB }
```

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

```
.border{ border-color:#7F5CAB }
```

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

Here you see how a box with a 4 pixel #7F5CAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F5CAB; -webkit-box-shadow:4px 4px  
4px 4px #7F5CAB; box-shadow:4px 4px 4px  
4px #7F5CAB }
```

Background

The CSS property to change the background color of an element to Hex 7F5CAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F5CAB }
```

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

```
.background{ background-color:#7F5CAB }
```

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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