

Converting Colors

Hex(7F45A4)

Have a look what the booklet for
Hex(7F45A4) contains.

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Color

Hex(7F45A4)

Conversions

Conversions Part 1

Format	Color
Hex	7F45A4
RGB	127, 69, 164
RGB Percent	50%, 27%, 64%
CMY	0.5020, 0.7294, 0.3569
CMYK	0.23, 0.58, 0.00, 0.36
HSL	277°, 41%, 46%
HSV	277°, 58%, 64%
XYZ	17.5814, 11.4486, 36.4051
YIQ	97.1720, 4.0730, 41.8410

Conversions

Conversions Part 2

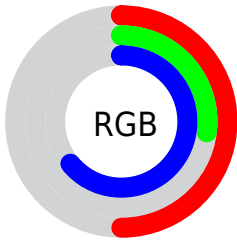
Format	Color
R_{YB}	127, 69, 164
Decimal	8340900
CIE _{Lab}	40.33, 42.10, -41.70
CIE _{LCh}	40, 59.259, 315.277
Yxy	11.4486, 0.2687, 0.1750
Android (android.graphics.Color)	4286530980 (0xFF7F45A4)
YUV	97.1720, 32.9462, 26.1592
Hunter-Lab	33.8358, 33.5375, -40.1072

Details

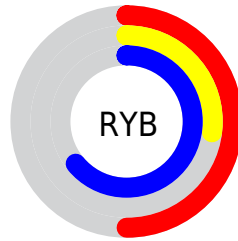
The Hex color **7F45A4** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6AA445**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **B678DC**, and **4A126F** is the 20% darker color. If you saturate the color by 10%, you get **7935A4**, and if you desaturate by 10%, it is **8555A4**.

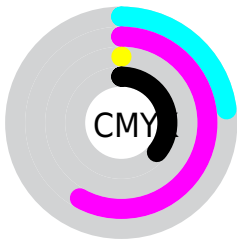
Distribution



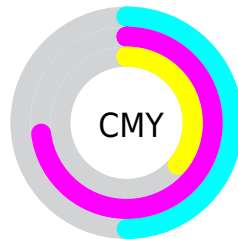
- Red (50%)
- Green (27%)
- Blue (64%)



- Red (50%)
- Yellow (27%)
- Blue (64%)



- Cyan (23%)
- Magenta (58%)
- Yellow (0%)
- Black (36%)



- Cyan (50%)
- Magenta (73%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F45A4 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 7F45A4 by changing the saturation by 10% instead.

7F45A4

7F45A4

FFFFFF

642C89

B678DC

4A126F

D392F8

300057

F0ADFF

1C003F

FFC9FF

000228

FFE6FF

000111

000000

7F45A4

7F45A4

7935A4

8555A4

7224A4

8C66A4

6C14A4

9276A4

6503A4

9987A4

6400A4

9F97A4

A5A7A4

ACB8A4

B2C8A4

B8D9A4

Harmonies

Analogous

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



005DBE



7F45A4



A92A79

Triad

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



7F45A4



875400



007477

Complementary

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



7F45A4



6AA445

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.



007345



7F45A4



5D6400

Square

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



7F45A4



A63D1A



1C6E0E



0073A3

Rectangle

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



7F45A4



B32359



1C6E0E



007467

Sweetspot

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



7F45A4



C8B2D6



456BA4



63566B



EBEBEB



6B6B6B

Same Dimension

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



7F45A4



9C40D6



A4459B



4E4952



590091



0B0012

Inverse Universe

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



A4456A



D6407B



45A44E



52494D



910039



120007

Previews

White Background



This preview shows how the Hex color 7F45A4 looks on a white background.

Color Contrast Check

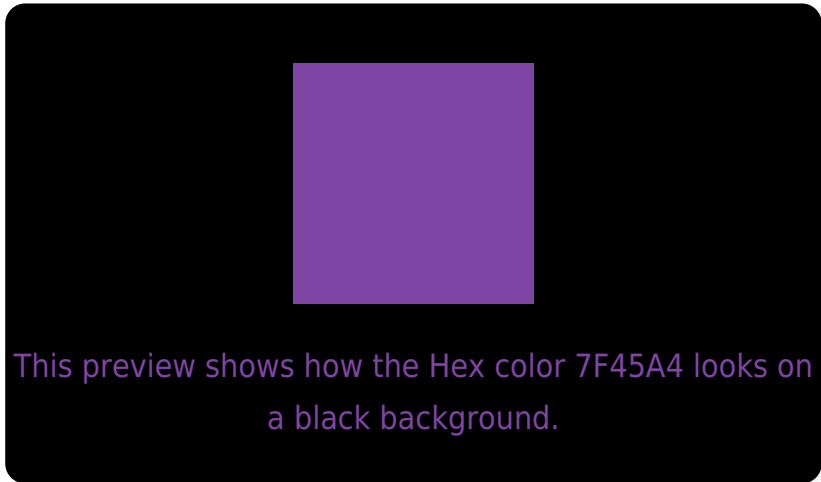
Large Text (above 18pt) WCAG AA ✓ Pass

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

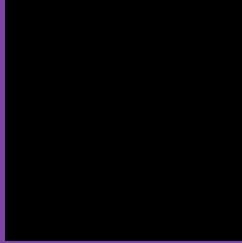
Any Text WCAG AA × Fail

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 7F45A4 Background



This preview shows how black text looks on a background with the Hex color 7F45A4.

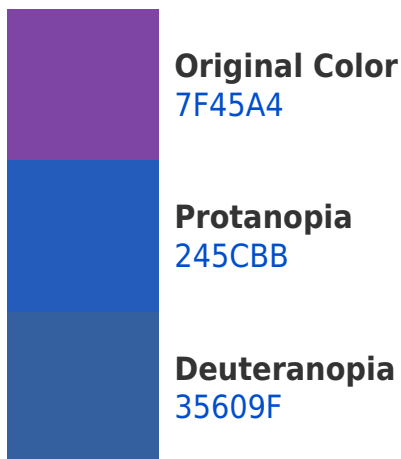



This preview shows how white text looks on a background with the Hex color 7F45A4.

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
74585F

Trichromacy



Original Color

7F45A4



Protanomaly

4554B3



Deuteranomaly

5056A1



Tritanomaly

785178

Monochromacy



Original Color

7F45A4



Achromatopsia

616161



Achromatomaly

6C5779

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F45A4 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 #7F45A4 looks like.

```
.text, #text, p{  
    color:#7F45A4  
}
```

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 #7F45A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F45A4
}
```

Border

The CSS property to change the border of an element to Hex 7F45A4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

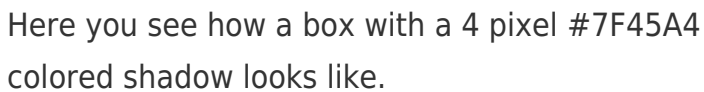
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F45A4 }
```

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

```
.border{ border-color:#7F45A4 }
```

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



Here you see how a box with a 4 pixel #7F45A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F45A4; -webkit-box-shadow:4px 4px  
4px 4px #7F45A4; box-shadow:4px 4px 4px  
4px #7F45A4 }
```

Background

The CSS property to change the background color of an element to Hex 7F45A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F45A4 }
```

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

```
.background{ background-color:#7F45A4 }
```

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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