

Converting Colors

Hex(7F5ED4)

Have a look what the booklet for
Hex(7F5ED4) contains.

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Color

Hex(7F5ED4)

Conversions

Conversions Part 1

Format	Color
Hex	7F5ED4
RGB	127, 94, 212
RGB Percent	50%, 37%, 83%
CMY	0.5020, 0.6314, 0.1686
CMYK	0.40, 0.56, 0.00, 0.17
HSL	257°, 58%, 60%
HSV	257°, 56%, 83%
XYZ	24.6388, 17.2709, 64.3224
YIQ	117.3190, -18.2100, 43.6940

Conversions

Conversions Part 2

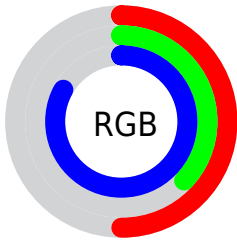
Format	Color
R_{YB}	127, 94, 212
Decimal	8347348
CIE _{Lab}	48.60, 40.36, -56.44
CIE _{LCh}	49, 69.384, 305.572
Yxy	17.2709, 0.2319, 0.1626
Android (android.graphics.Color)	4286537428 (0xFF7F5ED4)
YUV	117.3190, 46.6777, 8.4902
Hunter-Lab	41.5583, 33.1008, -62.6761

Details

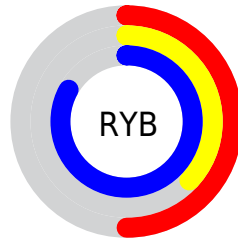
The Hex color **7F5ED4** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **B3D45E**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **B891FF**, and **462E9C** is the 20% darker color. If you saturate the color by 10%, you get **7049D4**, and if you desaturate by 10%, it is **8E73D4**.

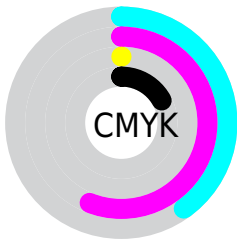
Distribution



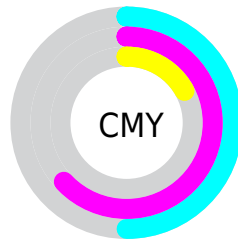
- Red (50%)
- Green (37%)
- Blue (83%)



- Red (50%)
- Yellow (37%)
- Blue (83%)



- Cyan (40%)
- Magenta (56%)
- Yellow (0%)
- Black (17%)



- Cyan (50%)
- Magenta (63%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F5ED4 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 7F5ED4 by changing the saturation by 10% instead.

7F5ED4

7F5ED4

FFFFFF

6346B8

B891FF

462E9C

D5ACFF

271782

F3C8FF

000168

FFE4FF

00004F

000537

000221

000006

000000

7F5ED4

7F5ED4

7049D4

8E73D4

6034D4

9E88D4

511ED4

AD9ED4

4209D4

BCB3D4

3B00D4

CBC8D4

DBDDD4

EAF2D4

F9FFD4

FFFFD4

Harmonies

Analogous

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



0078EA



7F5ED4



C13CA5

Triad

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



7F5ED4



B15E00



008D7D

Complementary

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



7F5ED4



B3D45E

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.



008A3F



7F5ED4



827500

Square

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



7F5ED4



D13F32



438300



008CB7

Rectangle

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



7F5ED4



D42A7F



438300



008C69

Sweetspot

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



7F5ED4



E0D4FF



5EB5D4



6D6680



000000



808080

Same Dimension

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



7F5ED4



8454FF



B85ED4



63606B



3000AB



0C002B

Inverse Universe

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



D45EB3



FF54CF



7AD45E



6B6068



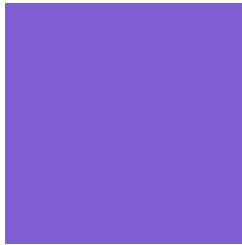
AB007B



2B001F

Previews

White Background



This preview shows how the Hex color 7F5ED4 looks on a white background.

Color Contrast Check

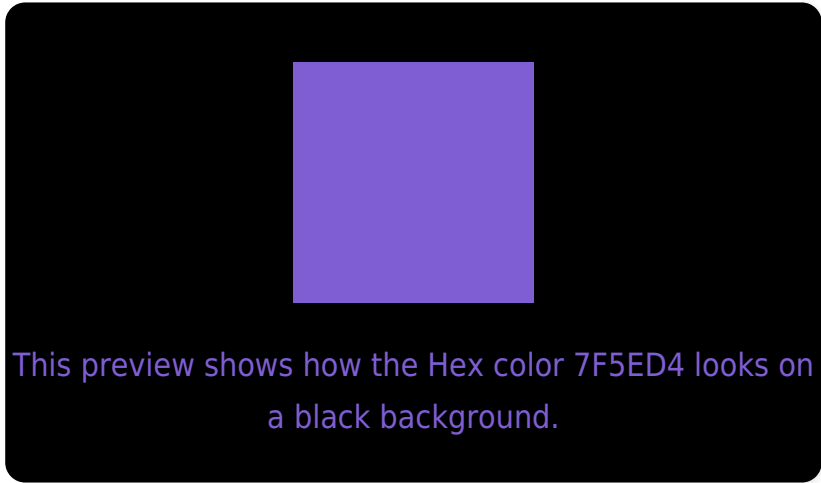
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F5ED4 Background



This preview shows how black text looks on a background with the Hex color 7F5ED4.

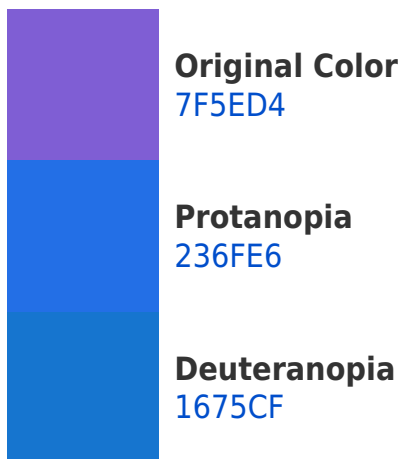


This preview shows how white text looks on a background with the Hex color 7F5ED4.

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](#).

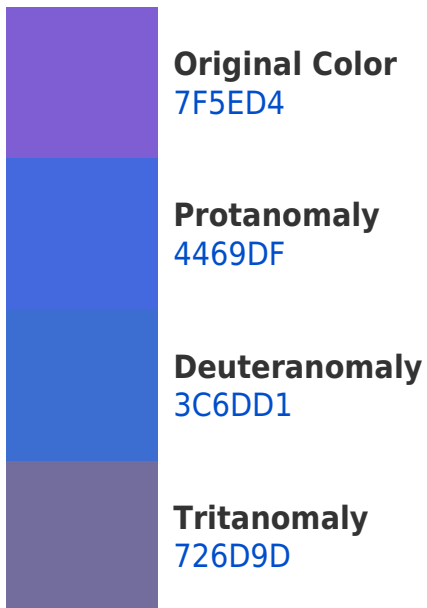
Dichromacy





Tritanopia
6B757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7F5ED4 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 #7F5ED4 looks like.

```
.text, #text, p{  
    color:#7F5ED4  
}
```

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 #7F5ED4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F5ED4
}
```

Border

The CSS property to change the border of an element to Hex 7F5ED4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

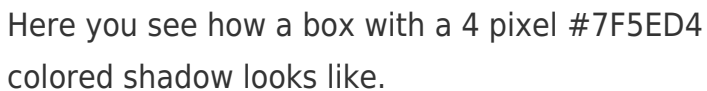
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F5ED4 }
```

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

```
.border{ border-color:#7F5ED4 }
```

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



Here you see how a box with a 4 pixel #7F5ED4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F5ED4; -webkit-box-shadow:4px 4px  
4px 4px #7F5ED4; box-shadow:4px 4px 4px  
4px #7F5ED4 }
```

Background

The CSS property to change the background color of an element to Hex 7F5ED4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F5ED4 }
```

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

```
.background{ background-color:#7F5ED4 }
```

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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