

# Converting Colors

Hex(7F5EBA)

Have a look what the booklet for  
Hex(7F5EBA) contains.

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# Color

**Hex(7F5EBA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F5EBA
RGB	127, 94, 186
RGB Percent	50%, 37%, 73%
CMY	0.5020, 0.6314, 0.2706
CMYK	0.32, 0.49, 0.00, 0.27
HSL	262°, 40%, 55%
HSV	262°, 49%, 73%
XYZ	21.6180, 16.0626, 48.4154
YIQ	114.3550, -9.8640, 35.6080

# Conversions

## Conversions Part 2

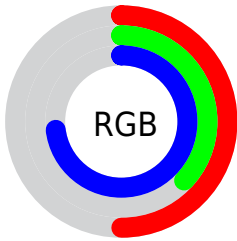
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 94, 186
Decimal	8347322
CIE <sub>Lab</sub>	47.06, 33.41, -43.93
CIE <sub>LCh</sub>	47, 55.196, 307.253
Yxy	16.0626, 0.2511, 0.1866
Android (android.graphics.Color)	4286537402 (0xFF7F5EBA)
YUV	114.3550, 35.3210, 11.0897
Hunter-Lab	40.0782, 26.1455, -43.5690

# Details

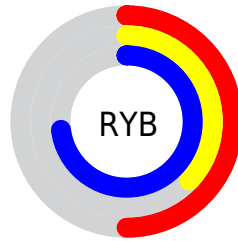
The Hex color **7F5EBA** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **99BA5E**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **B691F3**, and **4A2E84** is the 20% darker color. If you saturate the color by 10%, you get **734BBA**, and if you desaturate by 10%, it is **8B71BA**.

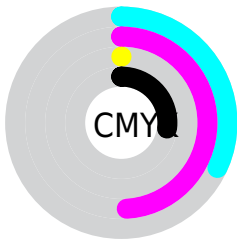
# Distribution



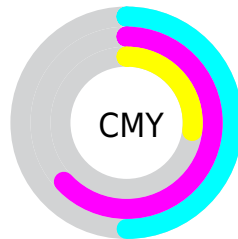
- Red (50%)
- Green (37%)
- Blue (73%)



- Red (50%)
- Yellow (37%)
- Blue (73%)



- Cyan (32%)
- Magenta (49%)
- Yellow (0%)
- Black (27%)



- Cyan (50%)
- Magenta (63%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F5EBA 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 7F5EBA by changing the saturation by 10% instead.



7F5EBA

7F5EBA

FFFFFF

64469F

B691F3

4A2E84

D3ACFF

2F186A

F0C7FF

120252

FFE4FF

00003A

000223

00000B

000000

7F5EBA

7F5EBA

734BBA

8B71BA

6739BA

9783BA

5B26BA

A396BA

4F14BA

AFA8BA

4301BA

BBBBBA

4300BA

C7CEBA

D2E0BA

DEF3BA

EAFFBA

# Harmonies

## Analogous

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



0071CC



7F5EBA



B04994

# Triad

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



7F5EBA



A26011



00857A

# Complementary

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



7F5EBA



99BA5E

# 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.



00834A



7F5EBA



7C7100

# Square

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



7F5EBA



BB4C3A



4A7C1D



0084A7

# Rectangle

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



7F5EBA



BF4076



4A7C1D



00856A



# Sweetspot

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



7F5EBA



DBCEF2



5E9ABA



6C647A



FAFAFA



7A7A7A



# Same Dimension

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



7F5EBA



9763F2



AC5EBA



56535C



38009C



0A001C



# Inverse Universe

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



BA5E99



F263BF



6CBA5E



5C5359



9C0064

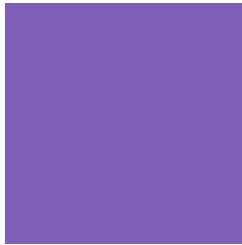


1C0012



# Previews

## White Background



This preview shows how the Hex color 7F5EBA 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 7F5EBA Background



This preview shows how black text looks on a background with the Hex color 7F5EBA.



This preview shows how white text looks on a background with the Hex color 7F5EBA.

# 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](#).

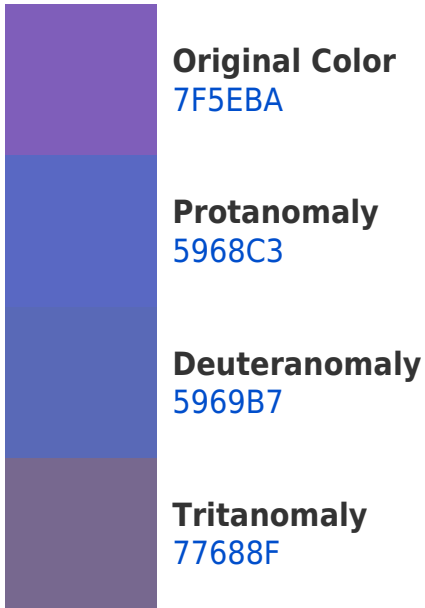
## Dichromacy





**Tritanopia**  
726E77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F5EBA 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 #7F5EBA looks like.

```
.text, #text, p{  
    color:#7F5EBA  
}
```

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 #7F5EBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F5EBA
}
```

## Border

The CSS property to change the border of an element to Hex 7F5EBA 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
#7F5EBA }
```

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

```
.border{ border-color:#7F5EBA }
```

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

Here you see how a box with a 4 pixel #7F5EBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F5EBA; -webkit-box-shadow:4px 4px  
4px 4px #7F5EBA; box-shadow:4px 4px 4px  
4px #7F5EBA }
```

# Background

The CSS property to change the background color of an element to Hex 7F5EBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F5EBA }
```

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

```
.background{ background-color:#7F5EBA }
```

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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