

# Converting Colors

Hex(7F5281)

Have a look what the booklet for  
Hex(7F5281) contains.

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# Color

**Hex(7F5281)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F5281
RGB	127, 82, 129
RGB Percent	50%, 32%, 51%
CMY	0.5020, 0.6784, 0.4941
CMYK	0.02, 0.36, 0.00, 0.49
HSL	297°, 22%, 41%
HSV	297°, 36%, 51%
XYZ	15.7321, 12.1316, 22.2813
YIQ	100.8130, 11.7330, 24.1570

# Conversions

## Conversions Part 2

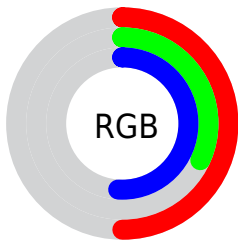
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 82, 129
Decimal	8344193
CIE <sub>Lab</sub>	41.42, 27.01, -18.85
CIE <sub>LCh</sub>	41, 32.936, 325.088
Yxy	12.1316, 0.3137, 0.2419
Android (android.graphics.Color)	4286534273 (0xFF7F5281)
YUV	100.8130, 13.8962, 22.9660
Hunter-Lab	34.8304, 19.6712, -13.5470

# Details

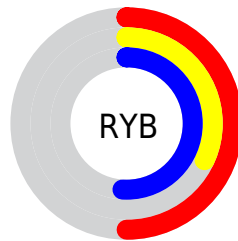
The Hex color **7F5281** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **548152**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **B584B6**, and **4D2350** is the 20% darker color. If you saturate the color by 10%, you get **7E4581**, and if you desaturate by 10%, it is **805F81**.

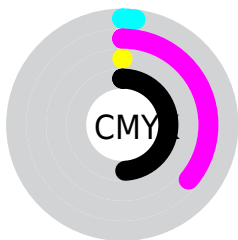
# Distribution



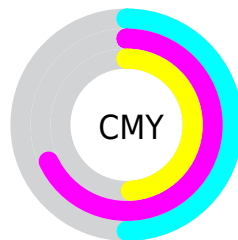
- Red (50%)
- Green (32%)
- Blue (51%)



- Red (50%)
- Yellow (32%)
- Blue (51%)



- Cyan (2%)
- Magenta (36%)
- Yellow (0%)
- Black (49%)



- Cyan (50%)
- Magenta (68%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F5281 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 7F5281 by changing the saturation by 10% instead.



 7F5281

 7F5281

FFFFFF

 653A68

 B584B6

 4D2350

 D09FD2

 350D38

 EDBAEE

 220023

 FFD6FF

 00000A

 FFF2FF

 000000

 7F5281

 7F5281

 7E4581

 805F81

 7E3881

 806C81

7D2B81

817981

7D1E81

818681

7C1281

829381

7C0581

829F81

7C0081

83AC81

83B981

84C681

# Harmonies

## Analogous

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



5D5C93



7F5281



914B67

# Triad

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



7F5281



765F2A



006F78

# Complementary

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



7F5281



548152

# 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.



006F5C



7F5281



5B672F

# Square

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



7F5281



8A5536



3A6D42



006C8D

# Rectangle

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



7F5281



954B55



3A6D42



00706F



# Sweetspot

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



7F5281



A896A8



525481



544954



D4D4D4



545454



# Same Dimension

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



7F5281



A55EA8



81526C



3F3940



7A0080



000000



# Inverse Universe

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



815254



A85E61



528167



40393A



800005

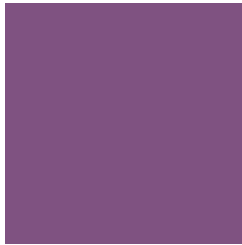


000000



# Previews

## White Background



This preview shows how the Hex color 7F5281 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

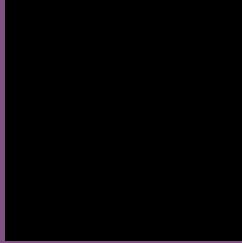
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7F5281 Background



This preview shows how black text looks on a background with the Hex color 7F5281.




This preview shows how white text looks on a background with the Hex color 7F5281.

# 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](#).

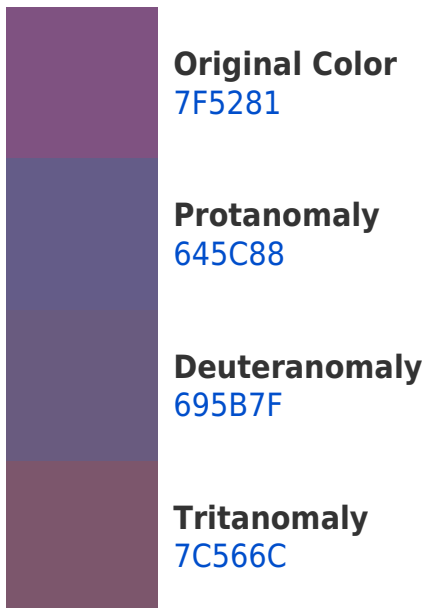
## Dichromacy



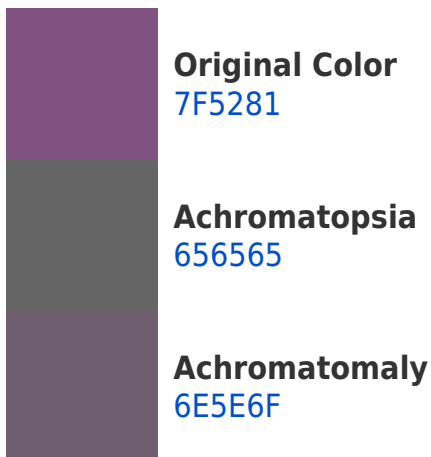


**Tritanopia**  
7B5960

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F5281 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 #7F5281 looks like.

```
.text, #text, p{  
    color:#7F5281  
}
```

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 #7F5281 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F5281
}
```

## Border

The CSS property to change the border of an element to Hex 7F5281 is called "border". The border property can be set on classes, ids or directly on the HTML element.

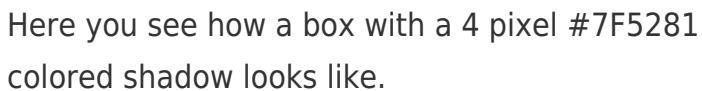
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F5281 }
```

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

```
.border{ border-color:#7F5281 }
```

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



Here you see how a box with a 4 pixel #7F5281 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F5281; -webkit-box-shadow:4px 4px  
4px 4px #7F5281; box-shadow:4px 4px 4px  
4px #7F5281 }
```

# Background

The CSS property to change the background color of an element to Hex 7F5281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F5281 }
```

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

```
.background{ background-color:#7F5281 }
```

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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