

# Converting Colors

Hex(7D5B86)

Have a look what the booklet for  
Hex(7D5B86) contains.

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# Color

**Hex(7D5B86)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 7D5B86                    |
| RGB         | 125, 91, 134              |
| RGB Percent | 49%, 36%, 53%             |
| CMY         | 0.5098, 0.6431, 0.4745    |
| CMYK        | 0.07, 0.32, 0.00, 0.47    |
| HSL         | 287°, 19%, 44%            |
| HSV         | 287°, 32%, 53%            |
| XYZ         | 16.5016, 13.5634, 24.3025 |
| YIQ         | 106.0680, 6.4610, 20.5810 |

# Conversions

## Conversions Part 2

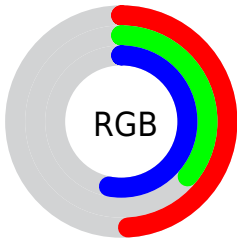
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 125, 91, 134                  |
| Decimal                             | 8215430                       |
| CIE <sub>Lab</sub>                  | 43.60, 22.04, -18.56          |
| CIE <sub>LCh</sub>                  | 44, 28.810, 319.894           |
| Yxy                                 | 13.5634, 0.3035,<br>0.2495    |
| Android<br>(android.graphics.Color) | 4286405510<br>(0xFF7D5B86)    |
| YUV                                 | 106.0680, 13.7705,<br>16.6034 |
| Hunter-Lab                          | 36.8285, 15.5300,<br>-13.3446 |

# Details

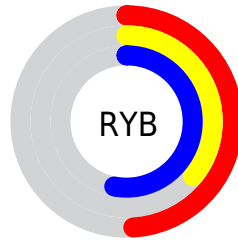
The Hex color **7D5B86** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **64865B**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **B28EBB**, and **4B2C54** is the 20% darker color. If you saturate the color by 10%, you get **7A4E86**, and if you desaturate by 10%, it is **806886**.

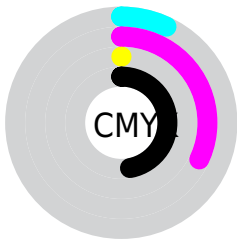
# Distribution



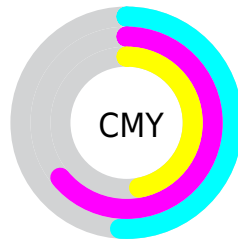
- Red (49%)
- Green (36%)
- Blue (53%)



- Red (49%)
- Yellow (36%)
- Blue (53%)



- Cyan (7%)
- Magenta (32%)
- Yellow (0%)
- Black (47%)



- Cyan (51%)
- Magenta (64%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D5B86 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 7D5B86 by changing the saturation by 10% instead.



7D5B86

7D5B86

FFFFFF

64436D

B28EBB

4B2C54

CEA8D7

34173D

EAC4F4

1F0027

FFE0FF

000111

FFFCFF

000000

7D5B86

7D5B86

7A4E86

806886

774086

837686

753386

858386

722586

889186

6F1886

8B9E86

6C0B86

8EAB86

6A0086

91B986

93C686

96D486

# Harmonies

## Analogous

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



5D6494



7D5B86



905570

# Triad

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



7D5B86



7D6338



007476

# Complementary

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



7D5B86



64865B

# 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.



29735E



7D5B86



666B39

# Square

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



7D5B86



8E5A43



4B7047



00718B

# Rectangle

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



7D5B86



955460



4B7047



02746E



# Sweetspot

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



7D5B86



AA9CAD



5B6486



554C57



D6D6D6



575757



# Same Dimension

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



7D5B86



9F6AAD



865B7A



413C42



670082



020003



# Inverse Universe

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



865B64



AD6A78



5B8667



423C3D



82001B

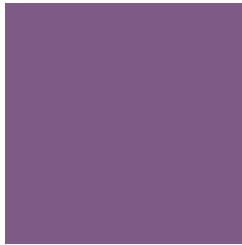


030001



# Previews

## White Background



This preview shows how the Hex color 7D5B86 looks on a white background.

## Color Contrast Check

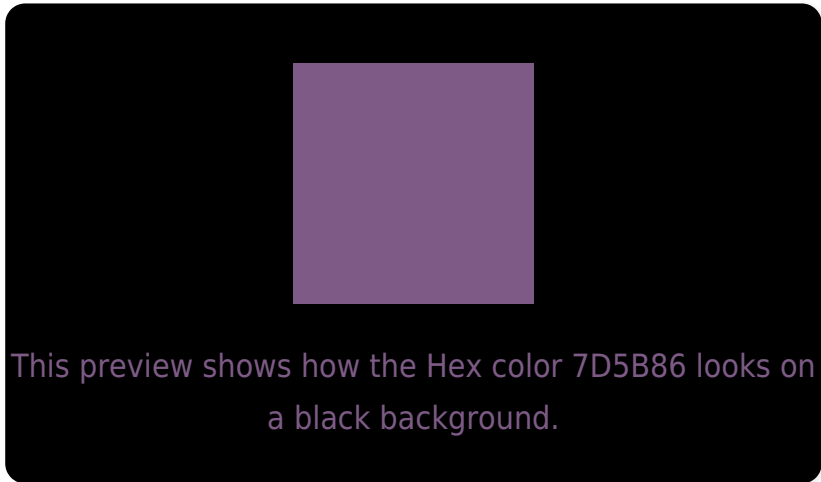
Large Text (above 18pt) WCAG AA ✓ Pass

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

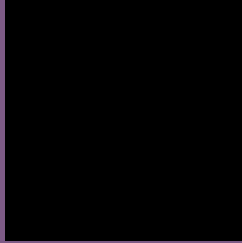
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D5B86 Background



This preview shows how black text looks on a background with the Hex color 7D5B86.



This preview shows how white text looks on a background with the Hex color 7D5B86.

# 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**  
796168

# Trichromacy



**Original Color**  
7D5B86

**Protanomaly**  
67628B

**Deuteranomaly**  
6C6185

**Tritanomaly**  
7A5F73

# Monochromacy



**Original Color**  
7D5B86

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
716574

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D5B86 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 #7D5B86 looks like.

```
.text, #text, p{  
    color:#7D5B86  
}
```

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 #7D5B86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D5B86
}
```

## Border

The CSS property to change the border of an element to Hex 7D5B86 is called "border". The border property can be set on classes, ids or directly on the HTML element.

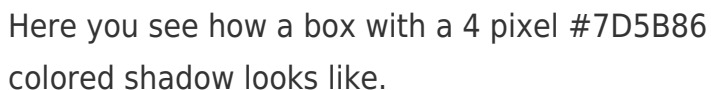
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D5B86 }
```

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

```
.border{ border-color:#7D5B86 }
```

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



Here you see how a box with a 4 pixel #7D5B86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D5B86; -webkit-box-shadow:4px 4px  
4px 4px #7D5B86; box-shadow:4px 4px 4px  
4px #7D5B86 }
```

# Background

The CSS property to change the background color of an element to Hex 7D5B86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D5B86 }
```

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

```
.background{ background-color:#7D5B86 }
```

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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