

# Converting Colors

Hex(7D6876)

Have a look what the booklet for  
Hex(7D6876) contains.

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**Color**

**Hex(7D6876)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D6876
RGB	125, 104, 118
RGB Percent	49%, 41%, 46%
CMY	0.5098, 0.5922, 0.5373
CMYK	0.00, 0.17, 0.06, 0.51
HSL	320°, 9%, 45%
HSV	320°, 17%, 49%
XYZ	16.6778, 15.5686, 19.2656
YIQ	111.8750, 8.0220, 8.8060

# Conversions

## Conversions Part 2

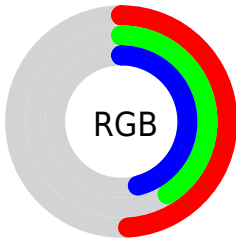
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 104, 118
Decimal	8218742
CIE Lab	46.40, 10.94, -4.69
CIE LCh	46, 11.904, 336.805
Yxy	15.5686, 0.3238, 0.3022
Android (android.graphics.Color)	4286408822 (0xFF7D6876)
YUV	111.8750, 3.0196, 11.5106
Hunter-Lab	39.4571, 6.3988, -1.3294

# Details

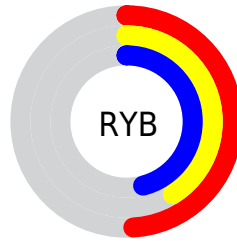
The Hex color **7D6876** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **687D6F**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **B29BAA**, and **4C3946** is the 20% darker color. If you saturate the color by 10%, you get **7D5C72**, and if you desaturate by 10%, it is **7D757A**.

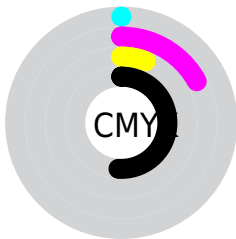
# Distribution



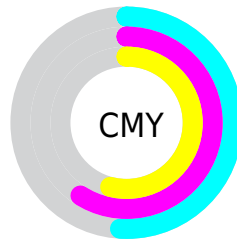
- Red (49%)
- Green (41%)
- Blue (46%)



- Red (49%)
- Yellow (41%)
- Blue (46%)



- Cyan (0%)
- Magenta (17%)
- Yellow (6%)
- Black (51%)



- Cyan (51%)
- Magenta (59%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D6876 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 7D6876 by changing the saturation by 10% instead.



 7D6876

 7D6876

FFFFFF

 64505D

 B29BAA

 4C3946

 CDB6C5

 35232F

 EAD2E1

 200F1B

 FFEEFE

 000000

 7D6876

 7D6876

 7D5C72

 7D757A

 7D4F6E

 7D817E

 7D436A

 7D8E83

■ 7D3665

■ 7D9A87

■ 7D2A61

■ 7DA78B

■ 7D1D5D

■ 7DB38F

■ 7D1159

■ 7DC093

■ 7D0455

■ 7DCC97

■ 7D0053

■ 7DD99B

# Harmonies

## Analogous

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



736B7E



7D6876



82676C

# Triad

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



7D6876



746E5A



547379

# Complementary

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



7D6876



687D6F

# 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.



557470



7D6876



68715E

# Square

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



7D6876



7D6B5C



5D7366



5A7180

# Rectangle

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



7D6876



836765



5D7366



547477



# Sweetspot

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



7D6876



A39BA0



6F687D



524D50



D1D1D1



525252



# Same Dimension

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



7D6876



A38398



7D686C



40393E



800055



000000



# Inverse Universe

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



7D6876



A38398



687D7A



40393E



800055



000000



# Previews

## White Background



This preview shows how the Hex color 7D6876 looks on a white background.

## Color Contrast Check

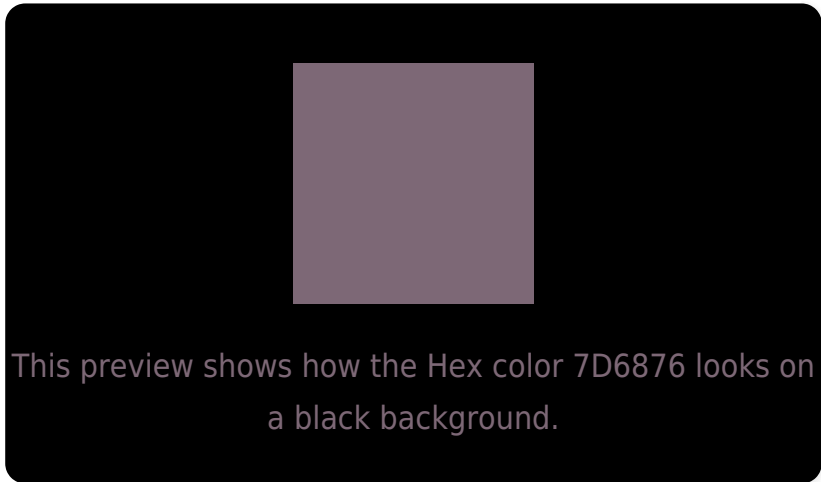
Large Text (above 18pt) WCAG AA ✓ Pass

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

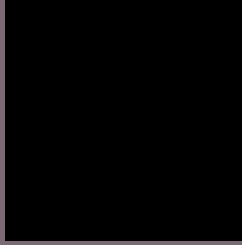
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D6876 Background



This preview shows how black text looks on a background with the Hex color 7D6876.



This preview shows how white text looks on a background with the Hex color 7D6876.

# 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



**Original Color**  
7D6876

**Protanopia**  
6D6D79

**Deuteranopia**  
756B75



**Tritanopia**  
7C6971

# Trichromacy



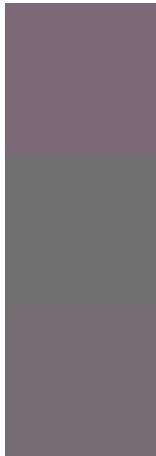
**Original Color**  
7D6876

**Protanomaly**  
736B78

**Deuteranomaly**  
786A75

**Tritanomaly**  
7C6973

# Monochromacy



**Original Color**  
7D6876

**Achromatopsia**  
707070

**Achromatomaly**  
756D72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D6876 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 #7D6876 looks like.

```
.text, #text, p{  
    color:#7D6876  
}
```

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 #7D6876 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D6876
}
```

## Border

The CSS property to change the border of an element to Hex 7D6876 is called "border". The border property can be set on classes, ids or directly on the HTML element.

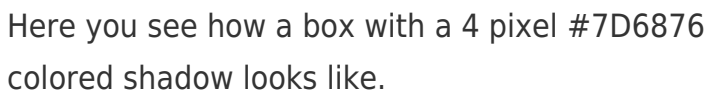
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D6876 }
```

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

```
.border{ border-color:#7D6876 }
```

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



Here you see how a box with a 4 pixel #7D6876 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D6876; -webkit-box-shadow:4px 4px  
4px 4px #7D6876; box-shadow:4px 4px 4px  
4px #7D6876 }
```

# Background

The CSS property to change the background color of an element to Hex 7D6876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D6876 }
```

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

```
.background{ background-color:#7D6876 }
```

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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