

# Converting Colors

Hex(785662)

Have a look what the booklet for  
Hex(785662) contains.

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**Color**

**Hex(785662)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	785662
RGB	120, 86, 98
RGB Percent	47%, 34%, 38%
CMY	0.5294, 0.6627, 0.6157
CMYK	0.00, 0.28, 0.18, 0.53
HSL	339°, 17%, 40%
HSV	339°, 28%, 47%
XYZ	13.2781, 11.5305, 13.0810
YIQ	97.5340, 16.4120, 10.9400

# Conversions

## Conversions Part 2

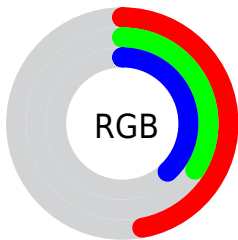
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 86, 98
Decimal	7886434
CIE Lab	40.46, 16.08, -1.34
CIE LCh	40, 16.133, 355.230
Yxy	11.5305, 0.3504, 0.3043
Android (android.graphics.Color)	4286076514 (0xFF785662)
YUV	97.5340, 0.2297, 19.7027
Hunter-Lab	33.9566, 10.3753, 0.9294

# Details

The Hex color **785662** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **56786C**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **AD8895**, and **472834** is the 20% darker color. If you saturate the color by 10%, you get **784A5A**, and if you desaturate by 10%, it is **78626A**.

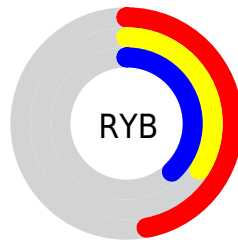
# Distribution



Red (47%)

Green (34%)

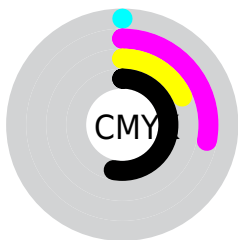
Blue (38%)



Red (47%)

Yellow (34%)

Blue (38%)

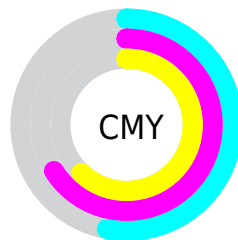


Cyan (0%)

Magenta (28%)

Yellow (18%)

Black (53%)



Cyan (53%)

Magenta (66%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 785662 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 785662 by changing the saturation by 10% instead.





785662



785662

FFFFFF



5F3F4A



AD8895



472834



C8A2AF



30131F



E5BDCB



1E0006



FFD9E7



000000



FFF6FF



785662



785662



784A5A



78626A



783E52



786E72

78324B

787A79

782643

788681

781A3B

789289

780E33

789E91

78022C

78AA98

78002A

78B6A0

78C2A8

# Harmonies

## Analogous

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



6E586F



785662



7A5655

# Triad

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



785662



5D6247



3D6575

# Complementary

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



785662



56786C

# 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.



39676A



785662



4E6550

# Square

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



785662



6B5E45



40675D



4C6179

# Rectangle

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



785662



78584D



40675D



3B6672



# Sweetspot

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



785662



9C8E92



6C5678



4F4649



CFCFCF



4F4F4F



# Same Dimension

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



785662



9C6779



785B56



3D3739



7D002C



FC0059



# Inverse Universe

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



785662



9C6779



567378



3D3739



7D002C

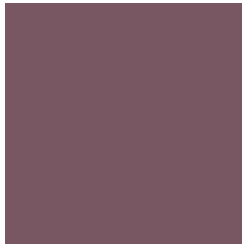


FC0059



# Previews

## White Background



This preview shows how the Hex color 785662 looks on a white background.

## Color Contrast Check

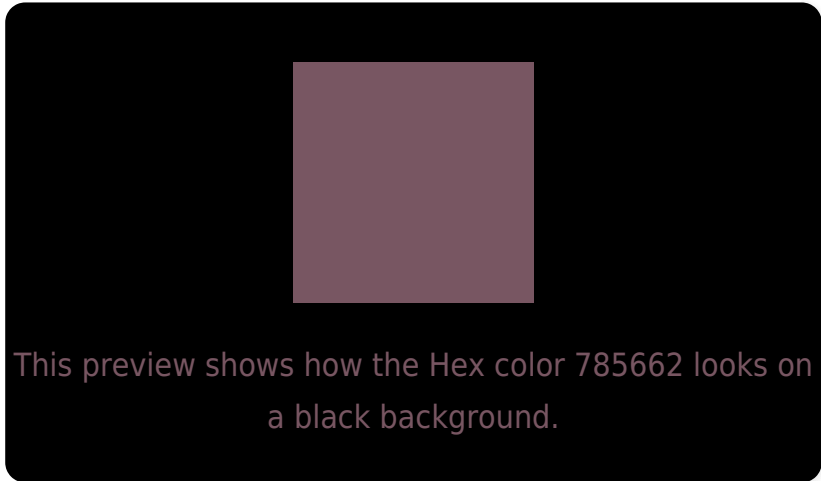
Large Text (above 18pt) WCAG AA ✓ Pass

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

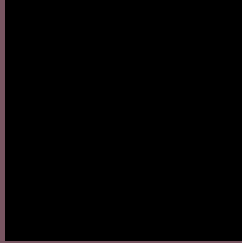
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 785662 Background



This preview shows how black text looks on a background with the Hex color 785662.



This preview shows how white text looks on a background with the Hex color 785662.

# 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**  
785662

**Protanopia**  
5F5F67

**Deuteranopia**  
685D61



**Tritanopia**  
77575D

# Trichromacy



**Original Color**  
785662

**Protanomaly**  
685C65

**Deuteranomaly**  
6E5A61

**Tritanomaly**  
77575F

# Monochromacy



**Original Color**  
785662

**Achromatopsia**  
626262

**Achromatomaly**  
6A5E62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 785662 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 #785662 looks like.

```
.text, #text, p{  
    color:#785662  
}
```

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 #785662 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #785662
}
```

## Border

The CSS property to change the border of an element to Hex 785662 is called "border". The border property can be set on classes, ids or directly on the HTML element.

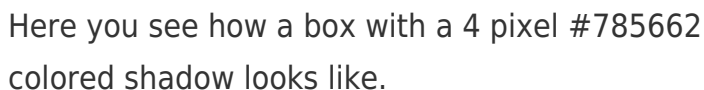
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#785662 }
```

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

```
.border{ border-color:#785662 }
```

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



Here you see how a box with a 4 pixel #785662 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #785662; -webkit-box-shadow:4px 4px  
4px 4px #785662; box-shadow:4px 4px 4px  
4px #785662 }
```

# Background

The CSS property to change the background color of an element to Hex 785662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#785662 }
```

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

```
.background{ background-color:#785662 }
```

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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