

# Converting Colors

Hex(786851)

Have a look what the booklet for  
Hex(786851) contains.

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**Color**

**Hex(786851)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	786851
RGB	120, 104, 81
RGB Percent	47%, 41%, 32%
CMY	0.5294, 0.5922, 0.6824
CMYK	0.00, 0.13, 0.33, 0.53
HSL	35°, 19%, 39%
HSV	35°, 32%, 47%
XYZ	14.1812, 14.4878, 9.8336
YIQ	106.1620, 16.9190, -3.7610

# Conversions

## Conversions Part 2

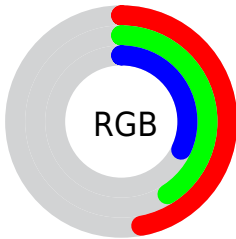
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 120, 81
Decimal	7891025
CIE Lab	44.92, 2.59, 15.31
CIE LCh	45, 15.527, 80.408
Yxy	14.4878, 0.3683, 0.3763
Android (android.graphics.Color)	4286081105 (0xFF786851)
YUV	106.1620, -12.4049, 12.1359
Hunter-Lab	38.0628, -0.1053, 11.3263

# Details

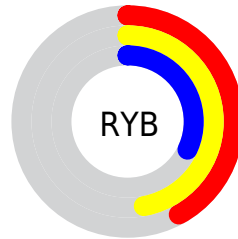
The Hex color **786851** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **516178**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **AD9B82**, and **473924** is the 20% darker color. If you saturate the color by 10%, you get **786345**, and if you desaturate by 10%, it is **786D5D**.

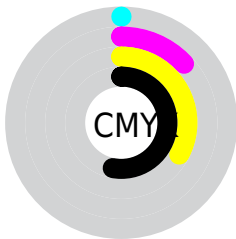
# Distribution



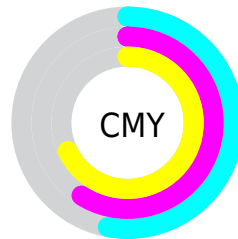
- Red (47%)
- Green (41%)
- Blue (32%)



- Red (42%)
- Yellow (47%)
- Blue (32%)



- Cyan (0%)
- Magenta (13%)
- Yellow (33%)
- Black (53%)



- Cyan (53%)
- Magenta (59%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 786851 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 786851 by changing the saturation by 10% instead.





786851



786851

FFFFFF



5F503A



AD9B82



473924



C8B69D



30240F



E5D1B7



1A0F00



FFEED3



000000



FFFFEF



786851



786851



786345



786D5D



785E39



787269

■ 78592D

■ 787775

■ 785421

■ 787C81

■ 784F15

■ 78818D

■ 784A09

■ 788699

■ 784700

■ 788AA5

■ 788FB1

■ 7894BD

# Harmonies

## Analogous

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



816457



786851



6B6C52

# Triad

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



786851



467273



77647B

# Complementary

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



786851



516178

# 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.



676882



786851



49707E

# Square

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



786851



4E7166



566D83



82616F

# Rectangle

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



786851



616F56



566D83



72657E



# Sweetspot

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



786851



9C958C



785161



4F4B46



CFCFCF



4F4F4F



# Same Dimension

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



786851



9C835F



757851



3D3B37



7D4A00



FC9500



# Inverse Universe

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



516178



5F789C



545178



373A3D



00337D



0068FC



# Previews

## White Background



This preview shows how the Hex color 786851 looks on a white background.

## Color Contrast Check

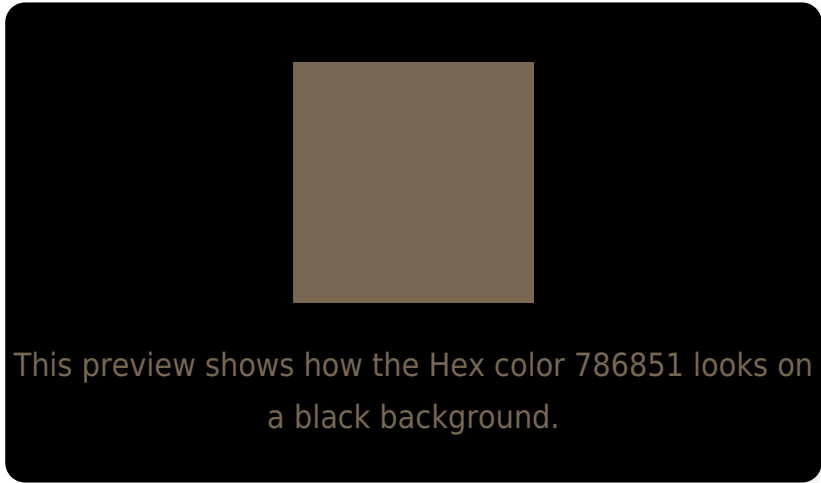
Large Text (above 18pt) WCAG AA ✓ Pass

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

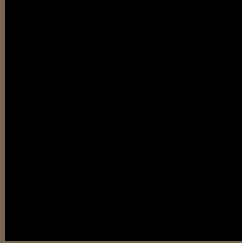
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 786851 Background



This preview shows how black text looks on a background with the Hex color 786851.

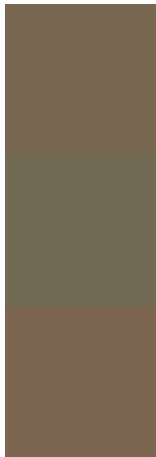


This preview shows how white text looks on a background with the Hex color 786851.

# 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**  
786851

**Protanopia**  
726A52

**Deuteranopia**  
7D6651



**Tritanopia**  
7B646C

# Trichromacy



**Original Color**  
786851

**Protanomaly**  
746952

**Deuteranomaly**  
7B6751

**Tritanomaly**  
7A6562

# Monochromacy



**Original Color**  
786851

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
6F6961

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 786851 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 #786851 looks like.

```
.text, #text, p{  
    color:#786851  
}
```

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 #786851 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786851
}
```

## Border

The CSS property to change the border of an element to Hex 786851 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
#786851 }
```

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

```
.border{ border-color:#786851 }
```

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

Here you see how a box with a 4 pixel #786851 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786851; -webkit-box-shadow:4px 4px  
4px 4px #786851; box-shadow:4px 4px 4px  
4px #786851 }
```

# Background

The CSS property to change the background color of an element to Hex 786851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786851 }
```

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

```
.background{ background-color:#786851 }
```

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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