

# Converting Colors

Hex(786051)

Have a look what the booklet for  
Hex(786051) contains.

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**Color**

**Hex(786051)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	786051
RGB	120, 96, 81
RGB Percent	47%, 38%, 32%
CMY	0.5294, 0.6235, 0.6824
CMYK	0.00, 0.20, 0.33, 0.53
HSL	23°, 19%, 39%
HSV	23°, 32%, 47%
XYZ	13.4138, 12.9529, 9.5778
YIQ	101.4660, 19.1190, 0.4230

# Conversions

## Conversions Part 2

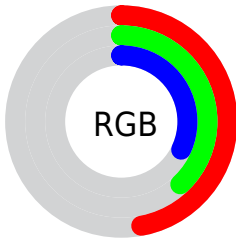
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	120, 105, 81
Decimal	7888977
CIE Lab	42.69, 7.34, 12.25
CIE LCh	43, 14.276, 59.075
Yxy	12.9529, 0.3732, 0.3604
Android (android.graphics.Color)	4286079057 (0xFF786051)
YUV	101.4660, -10.0897, 16.2543
Hunter-Lab	35.9901, 3.5456, 9.4147

# Details

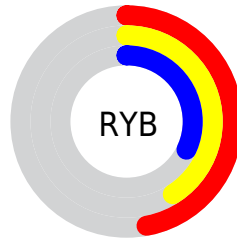
The Hex color **786051** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **516978**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **AD9382**, and **463224** is the 20% darker color. If you saturate the color by 10%, you get **785945**, and if you desaturate by 10%, it is **78675D**.

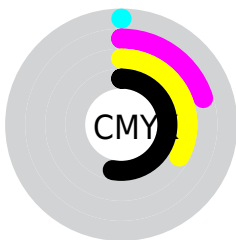
# Distribution



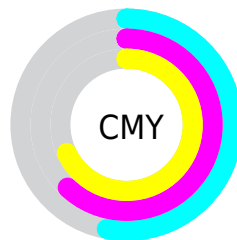
- Red (47%)
- Green (38%)
- Blue (32%)



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



- Cyan (0%)
- Magenta (20%)
- Yellow (33%)
- Black (53%)



- Cyan (53%)
- Magenta (62%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 786051 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 786051 by changing the saturation by 10% instead.





786051



786051

FFFFFF



5F483A



AD9382



463224



C9AD9C



2F1D10



E5C8B7



1A0400



FFE5D3



000000



FFFFEF



786051



786051



785945



78675D



785139



786F69

 784A2D

 787675

 784221

 787E81

 783B15

 78858D

 783409

 788C99

 782E00

 7894A5

 789BB1

 78A2BD

# Harmonies

## Analogous

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



7D5D5A



786051



6E644D

# Triad

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



786051



496C64



666279

# Complementary

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



786051



516978

# 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.



57667C



786051



446B70

# Square

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



786051



546A58



496979



745E71

# Rectangle

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



786051



66664E



496979



61637B



# Sweetspot

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



786051



9C928C



785169



4F4946



CFCFCF



4F4F4F



# Same Dimension

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



786051



9C765F



787351



3D3937



7D3000



FC6100



# Inverse Universe

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



516978



5F849C



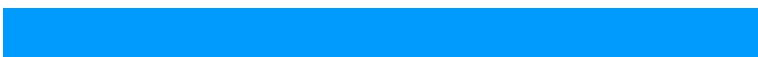
515678



373B3D



004D7D



009BFC



# Previews

## White Background



This preview shows how the Hex color 786051 looks on a white background.

## Color Contrast Check

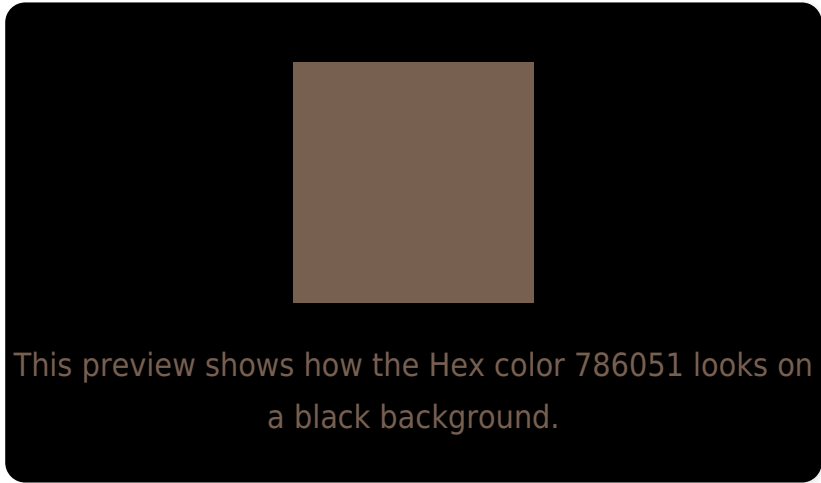
Large Text (above 18pt) WCAG AA ✓ Pass

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 786051 Background



This preview shows how black text looks on a background with the Hex color 786051.



This preview shows how white text looks on a background with the Hex color 786051.

# 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**  
786051

**Protanopia**  
6B6553

**Deuteranopia**  
766151



**Tritanopia**  
7A5D64

# Trichromacy



**Original Color**  
786051

**Protanomaly**  
706352

**Deuteranomaly**  
776151

**Tritanomaly**  
795E5D

# Monochromacy



**Original Color**  
786051

**Achromatopsia**  
656565

**Achromatomaly**  
6C635E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 786051 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 #786051 looks like.

```
.text, #text, p{  
    color:#786051  
}
```

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 #786051 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786051  
}
```

## Border

The CSS property to change the border of an element to Hex 786051 is called "border". The border property can be set on classes, ids or directly on the HTML element.

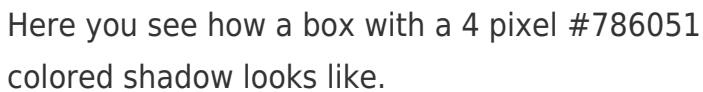
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#786051 }
```

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

```
.border{ border-color:#786051 }
```

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



Here you see how a box with a 4 pixel #786051 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786051; -webkit-box-shadow:4px 4px  
4px 4px #786051; box-shadow:4px 4px 4px  
4px #786051 }
```

# Background

The CSS property to change the background color of an element to Hex 786051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786051 }
```

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

```
.background{ background-color:#786051 }
```

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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