

Converting Colors

Hex(786D3D)

Have a look what the booklet for
Hex(786D3D) contains.

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Color

Hex(786D3D)

Conversions

Conversions Part 1

Format	Color
Hex	786D3D
RGB	120, 109, 61
RGB Percent	47%, 43%, 24%
CMY	0.5294, 0.5725, 0.7608
CMYK	0.00, 0.09, 0.49, 0.53
HSL	49°, 33%, 35%
HSV	49°, 49%, 47%
XYZ	14.0567, 15.2673, 6.6209
YIQ	106.8170, 21.9640, -12.5960

Conversions

Conversions Part 2

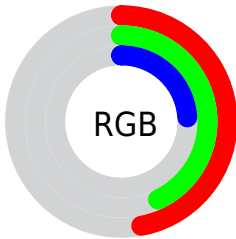
Format	Color
RYB	75, 120, 61
Decimal	7892285
CIELab	46.00, -2.82, 28.25
CIELCh	46, 28.387, 95.699
Yxy	15.2673, 0.3911, 0.4247
Android (android.graphics.Color)	4286082365 (0xFF786D3D)
YUV	106.8170, -22.5878, 11.5615
Hunter-Lab	39.0734, -4.1628, 17.3048

Details

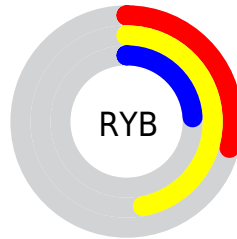
The Hex color **786D3D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3D4878**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **AEA06E**, and **463E10** is the 20% darker color. If you saturate the color by 10%, you get **786B31**, and if you desaturate by 10%, it is **786F49**.

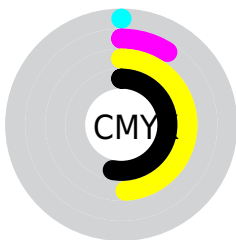
Distribution



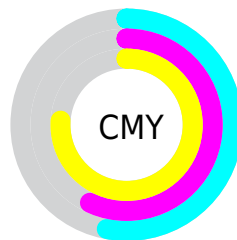
- Red (47%)
- Green (43%)
- Blue (24%)



- Red (29%)
- Yellow (47%)
- Blue (24%)



- Cyan (0%)
- Magenta (9%)
- Yellow (49%)
- Black (53%)



- Cyan (53%)
- Magenta (57%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786D3D 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 786D3D by changing the saturation by 10% instead.



786D3D



786D3D

FFFFFF



5E5526



AEA06E



463E10



C9BB87



2F2800



E6D7A2



161400



FFF3BD



000000



FFFFD9



FFFFFF5



786D3D



786D3D



786B31



786F49

■ 786925

■ 787155

■ 786619

■ 787461

■ 78640D

■ 78766D

■ 786201

■ 787879

■ 786200

■ 787A85

■ 787D91

■ 787F9D

■ 7881A9

Harmonies

Analogous

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



8C6542



786D3D



5F7445

Triad

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



786D3D



007988



8F5D81

Complementary

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



786D3D



3D4878

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.



766594



786D3D



247598

Square

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



786D3D



1D7A71



516E9C



9A5A69

Rectangle

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



786D3D



4C7751



516E9C



886088

Sweetspot

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



786D3D



9C9784



783D49



4F4C41



CFCFCF



4F4F4F

Same Dimension

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



786D3D



9C8A40



66783D



3D3C37



7D6600



FCCD00

Inverse Universe

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



3D4878



40519C



4F3D78



37383D



00177D



002FFC

Previews

White Background



This preview shows how the Hex color 786D3D looks on a white background.

Color Contrast Check

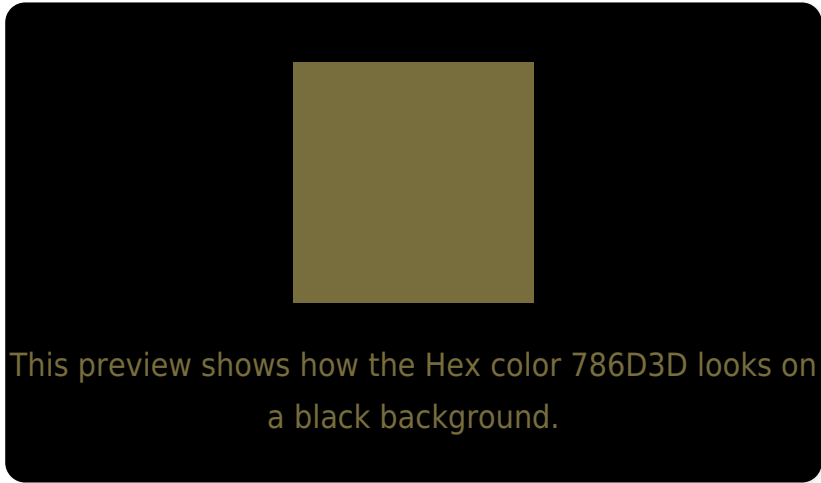
Large Text (above 18pt) WCAG AA ✓ Pass

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

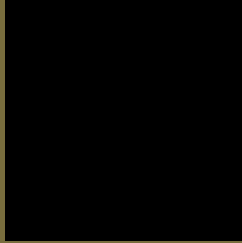
Any Text WCAG AA × Fail

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 786D3D Background



This preview shows how black text looks on a background with the Hex color 786D3D.



This preview shows how white text looks on a background with the Hex color 786D3D.

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
786D3D

Protanopia
786D3D

Deuteranopia
85683E



Tritanopia
7D676F

Trichromacy



Original Color
786D3D

Protanomaly
786D3D

Deuteranomaly
806A3E

Tritanomaly
7B695D

Monochromacy



Original Color
786D3D

Achromatopsia
6B6B6B

Achromatomaly
706C5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 786D3D 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 #786D3D looks like.

```
.text, #text, p{  
    color:#786D3D  
}
```

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 #786D3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786D3D
}
```

Border

The CSS property to change the border of an element to Hex 786D3D 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
#786D3D }
```

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

```
.border{ border-color:#786D3D }
```

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

Here you see how a box with a 4 pixel #786D3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786D3D; -webkit-box-shadow:4px 4px  
4px 4px #786D3D; box-shadow:4px 4px 4px  
4px #786D3D }
```

Background

The CSS property to change the background color of an element to Hex 786D3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786D3D }
```

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

```
.background{ background-color:#786D3D }
```

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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