

Converting Colors

Hex(786A5D)

Have a look what the booklet for
Hex(786A5D) contains.

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Color

Hex(786A5D)

Conversions

Conversions Part 1	
Format	Color
Hex	786A5D
RGB	120, 106, 93
RGB Percent	47%, 42%, 36%
CMY	0.5294, 0.5843, 0.6353
CMYK	0.00, 0.12, 0.22, 0.53
HSL	29°, 13%, 42%
HSV	29°, 23%, 47%
XYZ	14.8755, 15.0915, 12.4848
YIQ	108.7040, 12.5170, -1.0750

Conversions

Conversions Part 2

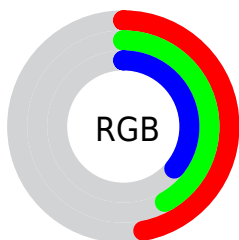
Format	Color
RYB	120, 118, 93
Decimal	7891549
CIELab	45.76, 3.25, 9.32
CIELCh	46, 9.868, 70.779
Yxy	15.0915, 0.3504, 0.3555
Android (android.graphics.Color)	4286081629 (0xFF786A5D)
YUV	108.7040, -7.7421, 9.9066
Hunter-Lab	38.8477, 0.3676, 8.1388

Details

The Hex color **786A5D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5D6B78**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **AD9D8F**, and **473B2F** is the 20% darker color. If you saturate the color by 10%, you get **786451**, and if you desaturate by 10%, it is **787069**.

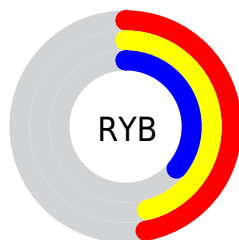
Distribution



Red (47%)

Green (42%)

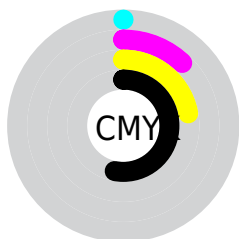
Blue (36%)



Red (47%)

Yellow (46%)

Blue (36%)

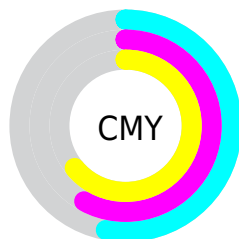


Cyan (0%)

Magenta (12%)

Yellow (22%)

Black (53%)



Cyan (53%)

Magenta (58%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786A5D 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 786A5D by changing the saturation by 10% instead.



786A5D



786A5D

FFFFFF



5F5245



AD9D8F



473B2F



C8B8AA



30251A



E4D4C5



1D1000



FFF0E1



000000

FFFFFFE



786A5D



786A5D



786451



787069



785E45



787675

 785739

 787D81

 78512D

 78838D

 784B21

 788999

 784515

 788FA5

 783E09

 7896B1

 783A00

 789CBD

 78A2C9

Harmonies

Analogous

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



7D6862



786A5D



706D5C

Triad

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



786A5D



58716F



726979

Complementary

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



786A5D



5D6B78

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.



676C7C



786A5D



587177

Square

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



786A5D



5E7167



5D6F7C



7A6772

Rectangle

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



786A5D



6A6E5E



5D6F7C



6E6A7A

Sweetspot

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



786A5D



9C9691



785D6B



4F4C49



CFCFCF



4F4F4F

Same Dimension

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



786A5D



9C8672



78775D



3D3A37



7D3C00



FC7A00

Inverse Universe

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



5D6B78



72879C



5D5E78



373A3D



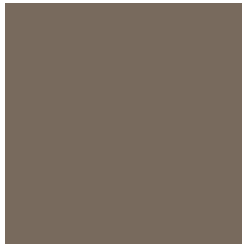
00417D



0083FC

Previews

White Background



This preview shows how the Hex color 786A5D 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



This preview shows how the Hex color 786A5D looks on a 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 786A5D Background



This preview shows how black text looks on a background with the Hex color 786A5D.



This preview shows how white text looks on a background with the Hex color 786A5D.

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

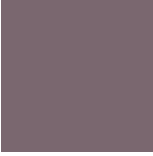
786A5D

Protanopia

726C5E

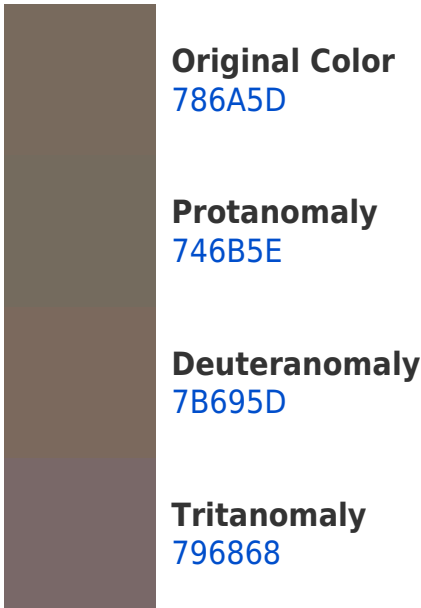
Deuteranopia

7C685D

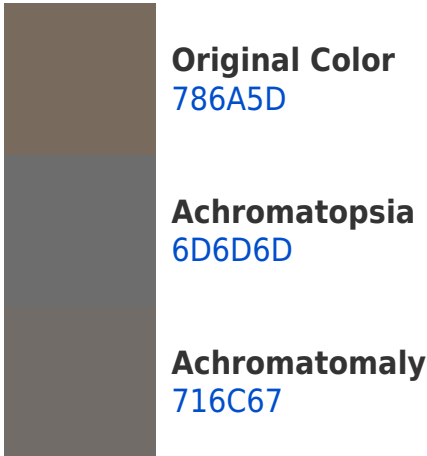


Tritanopia
7A676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 786A5D 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 #786A5D looks like.

```
.text, #text, p{  
    color:#786A5D  
}
```

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 #786A5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786A5D
}
```

Border

The CSS property to change the border of an element to Hex 786A5D 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
#786A5D }
```

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

```
.border{ border-color:#786A5D }
```

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

Here you see how a box with a 4 pixel #786A5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786A5D; -webkit-box-shadow:4px 4px  
4px 4px #786A5D; box-shadow:4px 4px 4px  
4px #786A5D }
```

Background

The CSS property to change the background color of an element to Hex 786A5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786A5D }
```

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

```
.background{ background-color:#786A5D }
```

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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