

# Converting Colors

Hex(796566)

Have a look what the booklet for  
Hex(796566) contains.

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# Color

**Hex(796566)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	796566
RGB	121, 101, 102
RGB Percent	47%, 40%, 40%
CMY	0.5255, 0.6039, 0.6000
CMYK	0.00, 0.17, 0.16, 0.53
HSL	357°, 9%, 44%
HSV	357°, 17%, 47%
XYZ	14.9371, 14.3316, 14.5494
YIQ	107.0940, 11.5990, 4.5510

# Conversions

## Conversions Part 2

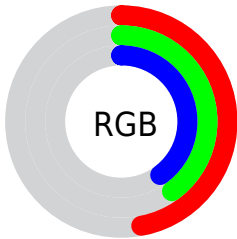
Format	Color
R <sub>Y</sub> B	121, 101, 102
Decimal	7955814
CIE Lab	44.70, 8.16, 2.41
CIE LCh	45, 8.514, 16.475
Yxy	14.3316, 0.3409, 0.3271
Android (android.graphics.Color)	4286145894 (0xFF796566)
YUV	107.0940, -2.5113, 12.1956
Hunter-Lab	37.8571, 4.1800, 3.7134

# Details

The Hex color **796566** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **657978**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **AE9899**, and **483637** is the 20% darker color. If you saturate the color by 10%, you get **79595B**, and if you desaturate by 10%, it is **797171**.

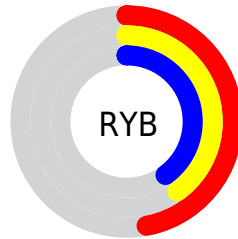
# Distribution



Red (47%)

Green (40%)

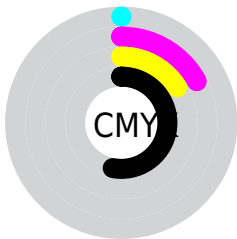
Blue (40%)



Red (47%)

Yellow (40%)

Blue (40%)

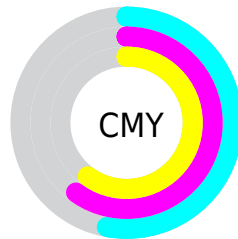


Cyan (0%)

Magenta (17%)

Yellow (16%)

Black (53%)



Cyan (53%)

Magenta (60%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 796566 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 796566 by changing the saturation by 10% instead.



 796566

 796566

FFFFFF

 604D4E

 AE9899

 483637

 C9B3B4

 312122

 E5CECF

 1D0B0C

 FFEAEB

 000000

 796566

 796566

 79595B

 797171

 794D4F

 797D7D

 794144

 798988

 793538

 799594

 79282D

 79A29F

 791C21

 79AEAB

 791016

 79BAB6

 79040A

 79C6C2

 790006

 79D2CD

# Harmonies

## Analogous

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



76656D



796566



786660

# Triad

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



796566



636C60



5F6B77

# Complementary

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



796566



657978

# 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.



596D74



796566



5C6E66

# Square

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



796566



6B6A5C



586E6D



676977

# Rectangle

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



796566



75675D



586E6D



5C6C76



# Sweetspot

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



796566



9E9697



786579



4F4A4B



CFCFCF



4F4F4F



# Same Dimension

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



796566



9E7E80



796E65



3D3737



7D0006



FC000D



# Inverse Universe

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



796566



9E7E80



657079



3D3737



7D0006



FC000D



# Previews

## White Background



This preview shows how the Hex color 796566 looks on a white background.

## Color Contrast Check

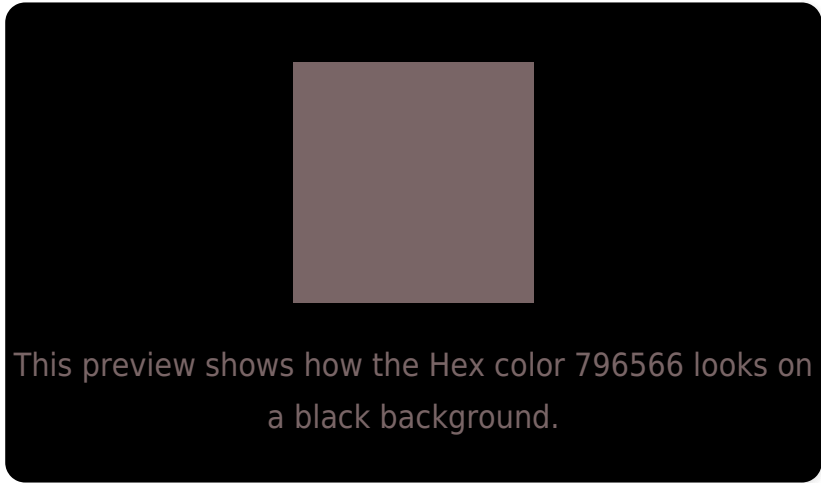
Large Text (above 18pt) WCAG AA ✓ Pass

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

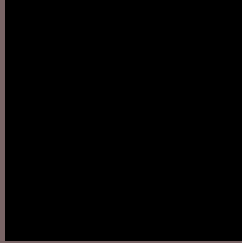
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 796566 Background



This preview shows how black text looks on a background with the Hex color 796566.



This preview shows how white text looks on a background with the Hex color 796566.

# 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**  
796566

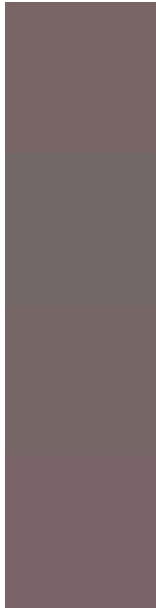
**Protanopia**  
6C6968

**Deuteranopia**  
766666



**Tritanopia**  
7A646C

# Trichromacy



**Original Color**

796566

**Protanomaly**

716867

**Deuteranomaly**

776666

**Tritanomaly**

7A646A

# Monochromacy



**Original Color**

796566

**Achromatopsia**

6B6B6B

**Achromatomaly**

706969

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 796566 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 #796566 looks like.

```
.text, #text, p{  
    color:#796566  
}
```

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 #796566 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #796566
}
```

## Border

The CSS property to change the border of an element to Hex 796566 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".

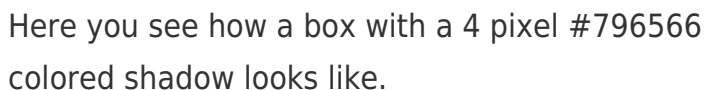
```
.border, #border, table{ border:4px solid
#796566 }
```

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

```
.border{ border-color:#796566 }
```

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

Here you see how a box with a 4 pixel #796566 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #796566; -webkit-box-shadow:4px 4px  
4px 4px #796566; box-shadow:4px 4px 4px  
4px #796566 }
```

# Background

The CSS property to change the background color of an element to Hex 796566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#796566 }
```

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

```
.background{ background-color:#796566 }
```

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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