

Converting Colors

Hex(3D756B)

Have a look what the booklet for
Hex(3D756B) contains.

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Color

Hex(3D756B)

Conversions

Conversions Part 1

Format	Color
Hex	3D756B
RGB	61, 117, 107
RGB Percent	24%, 46%, 42%
CMY	0.7608, 0.5412, 0.5804
CMYK	0.48, 0.00, 0.09, 0.54
HSL	169°, 31%, 35%
HSV	169°, 48%, 46%
XYZ	10.9396, 14.7762, 16.1854
YIQ	99.1160, -30.1660, -14.9820

Conversions

Conversions Part 2

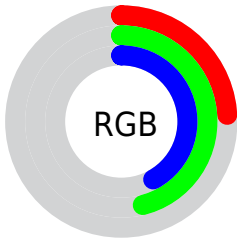
Format	Color
RYB	61, 92, 117
Decimal	4027755
CIELab	45.33, -21.12, -0.21
CIELCh	45, 21.123, 180.573
Yxy	14.7762, 0.2611, 0.3526
Android (android.graphics.Color)	4282217835 (0xFF3D756B)
YUV	99.1160, 3.8868, -33.4277
Hunter-Lab	38.4398, -16.4704, 1.9433

Details

The Hex color **3D756B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **753D47**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **70A99E**, and **04443C** is the 20% darker color. If you saturate the color by 10%, you get **317569**, and if you desaturate by 10%, it is **49756D**.

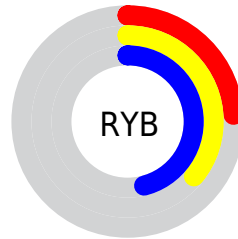
Distribution



Red (24%)

Green (46%)

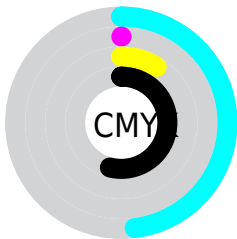
Blue (42%)



Red (24%)

Yellow (36%)

Blue (46%)

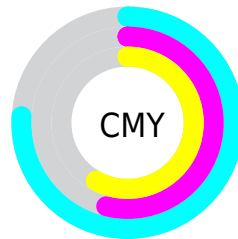


Cyan (48%)

Magenta (0%)

Yellow (9%)

Black (54%)



Cyan (76%)

Magenta (54%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D756B 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 3D756B by changing the saturation by 10% instead.

■ 3D756B

■ 3D756B

FFFFFF

■ 235C53

■ 70A99E

■ 04443C

■ 8BC5B9

■ 002E26

■ A6E1D5

■ 001B11

■ C2FEF1

■ 000000

■ DEFFFF

■ FBFFFF

■ 3D756B

■ 3D756B

■ 317569

■ 49756D

■ 267567

■ 54756F

■ 1A7565

■ 607571

■ 0E7563

■ 6C7573

■ 037561

■ 787575

■ 007560

■ 837578

■ 8F757A

■ 9B757C

■ A6757E

Harmonies

Analogous

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



507359



3D756B



33747D

Triad

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



3D756B



6E678A



86644D

Complementary

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



3D756B



753D47

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.



8E605A



3D756B



82617D

Square

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



3D756B



556D8E



8D5E6C



776A48

Rectangle

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



3D756B



377386



8D5E6C



8A6251

Sweetspot

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



3D756B



849995



47753D



3F4D4A



CCCCCC



4D4D4D

Same Dimension

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



3D756B



429989



3D6375



353B3A



007A65



00FACD

Inverse Universe

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



753D47



994251



754F3D



3B3536



7A0016



FA002D

Previews

White Background



This preview shows how the Hex color 3D756B looks on a white background.

Color Contrast Check

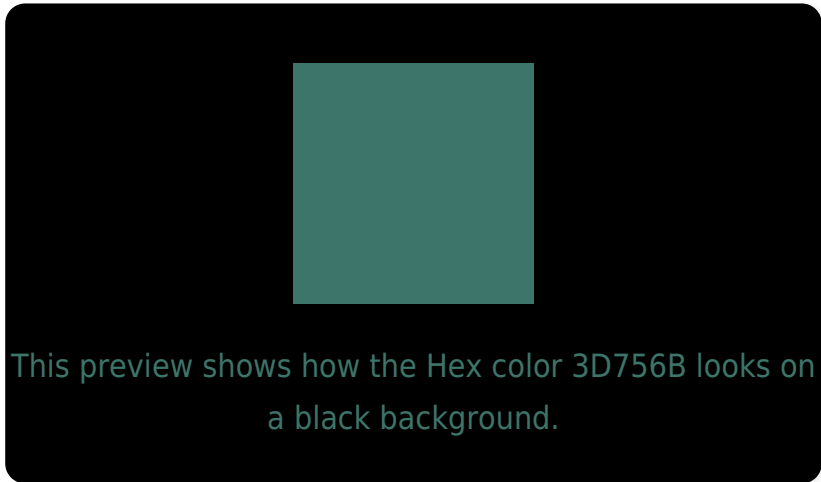
Large Text (above 18pt) WCAG AA ✓ Pass

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

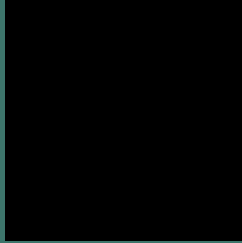
Any Text WCAG AA × Fail

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 3D756B Background



This preview shows how black text looks on a background with the Hex color 3D756B.

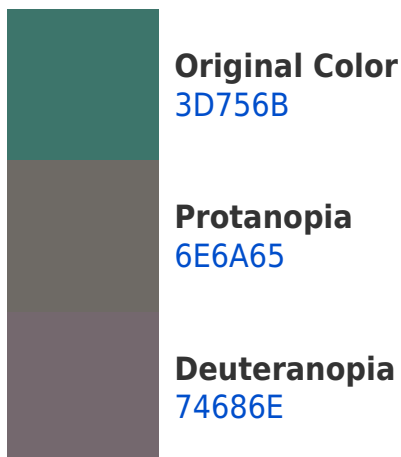


This preview shows how white text looks on a background with the Hex color 3D756B.

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](#).

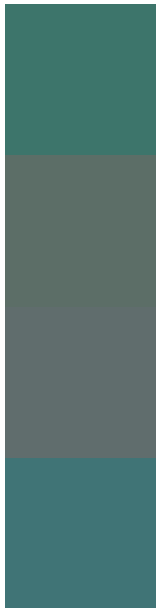
Dichromacy





Tritanopia
42737C

Trichromacy



Original Color
3D756B

Protanomaly
5C6E67

Deuteranomaly
606D6D

Tritanomaly
407476

Monochromacy



Original Color
3D756B

Achromatopsia
636363

Achromatomaly
556A66

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D756B 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 #3D756B looks like.

```
.text, #text, p{  
    color:#3D756B  
}
```

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 #3D756B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D756B
}
```

Border

The CSS property to change the border of an element to Hex 3D756B 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
#3D756B }
```

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

```
.border{ border-color:#3D756B }
```

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

Here you see how a box with a 4 pixel #3D756B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D756B; -webkit-box-shadow:4px 4px  
4px 4px #3D756B; box-shadow:4px 4px 4px  
4px #3D756B }
```

Background

The CSS property to change the background color of an element to Hex 3D756B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D756B }
```

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

```
.background{ background-color:#3D756B }
```

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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