

Converting Colors

Hex(41746D)

Have a look what the booklet for
Hex(41746D) contains.

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Color

Hex(41746D)

Conversions

Conversions Part 1

Format	Color
Hex	41746D
RGB	65, 116, 109
RGB Percent	25%, 45%, 43%
CMY	0.7451, 0.5451, 0.5725
CMYK	0.44, 0.00, 0.06, 0.55
HSL	172°, 28%, 35%
HSV	172°, 44%, 45%
XYZ	11.1857, 14.7187, 16.7194
YIQ	99.9530, -28.1490, -12.9890

Conversions

Conversions Part 2

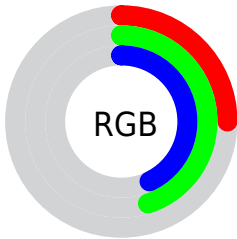
Format	Color
R _{YB}	65, 92, 116
Decimal	4289645
CIE _{Lab}	45.25, -18.97, -1.50
CIE _{LCh}	45, 19.027, 184.525
Yxy	14.7187, 0.2624, 0.3453
Android (android.graphics.Color)	4282479725 (0xFF41746D)
YUV	99.9530, 4.4602, -30.6538
Hunter-Lab	38.3650, -15.0954, 1.0169

Details

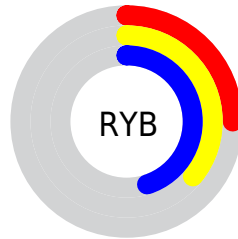
The Hex color **41746D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **744148**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **74A8A0**, and **0C443E** is the 20% darker color. If you saturate the color by 10%, you get **35746B**, and if you desaturate by 10%, it is **4D746F**.

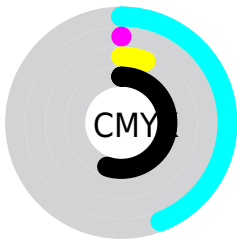
Distribution



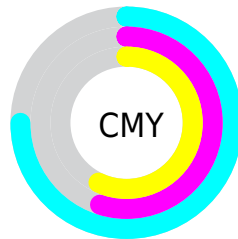
- Red (25%)
- Green (45%)
- Blue (43%)



- Red (25%)
- Yellow (36%)
- Blue (45%)



- Cyan (44%)
- Magenta (0%)
- Yellow (6%)
- Black (55%)



- Cyan (75%)
- Magenta (55%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41746D 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 41746D by changing the saturation by 10% instead.



41746D



41746D

FFFFFF



285B55



74A8A0



0C443E



8EC4BB



002D28



AAE0D7



001A13



C5FCF4



000000



E2FFFF



41746D



41746D



35746B



4D746F



2A746A



587470

■ 1E7468

■ 647472

■ 137467

■ 6F7473

■ 077465

■ 7B7475

■ 007464

■ 877477

■ 927478

■ 9E747A

■ A9747B

Harmonies

Analogous

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



51735D



41746D



3B737C

Triad

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



41746D



716685



82654F

Complementary

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



41746D



744148

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.



8A615A



41746D



826179

Square

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



41746D



5B6C8A



8A5F69



746B4B

Rectangle

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



41746D



407284



8A5F69



866452

Sweetspot

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



41746D



839694



497441



404D4B



CCCCCC



4D4D4D

Same Dimension

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



41746D



47968C



416274



353B3A



007A6A



00FAD8

Inverse Universe

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



744148



964752



745341



3B3536



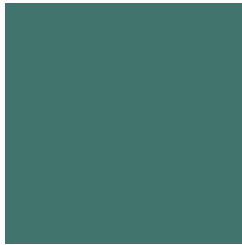
7A0011



FA0022

Previews

White Background



This preview shows how the Hex color 41746D looks on a white background.

Color Contrast Check

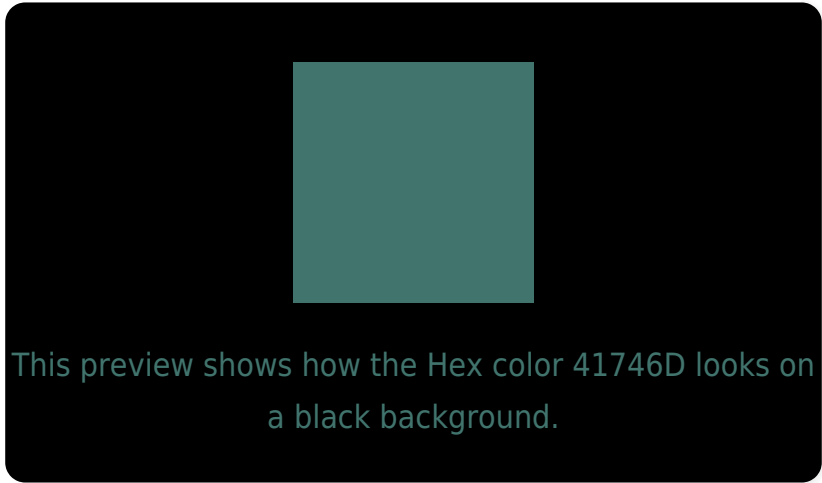
Large Text (above 18pt) WCAG AA ✓ Pass

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

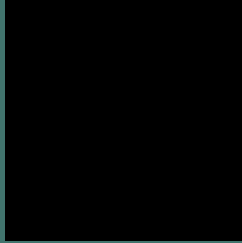
Any Text WCAG AA × Fail

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 41746D Background



This preview shows how black text looks on a background with the Hex color 41746D.

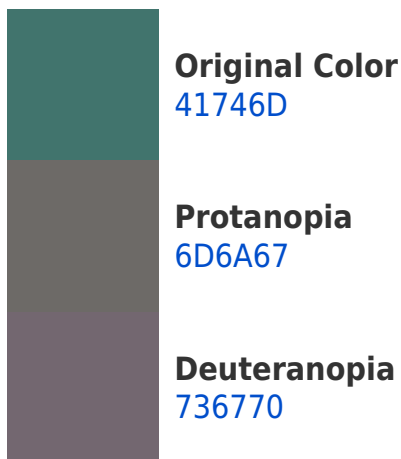


This preview shows how white text looks on a background with the Hex color 41746D.

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](#).

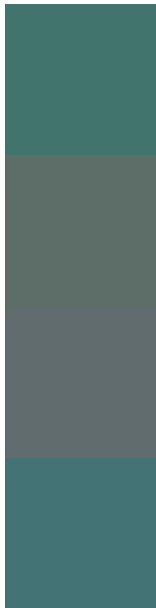
Dichromacy





Tritanopia
45727B

Trichromacy



Original Color
41746D

Protanomaly
5D6E69

Deuteranomaly
616C6F

Tritanomaly
447376

Monochromacy



Original Color
41746D

Achromatopsia
646464

Achromatomaly
576A67

CSS Examples

Text

The CSS property to change the color of the text to Hex 41746D 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 #41746D looks like.

```
.text, #text, p{  
    color:#41746D  
}
```

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 #41746D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41746D
}
```

Border

The CSS property to change the border of an element to Hex 41746D 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".

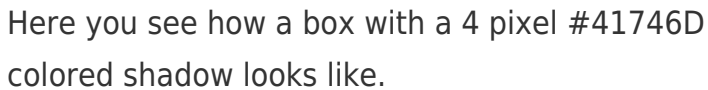
```
.border, #border, table{ border:4px solid
#41746D }
```

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

```
.border{ border-color:#41746D }
```

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

Here you see how a box with a 4 pixel #41746D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41746D; -webkit-box-shadow:4px 4px  
4px 4px #41746D; box-shadow:4px 4px 4px  
4px #41746D }
```

Background

The CSS property to change the background color of an element to Hex 41746D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41746D }
```

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

```
.background{ background-color:#41746D }
```

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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