

Converting Colors

Hex(43746C)

Have a look what the booklet for
Hex(43746C) contains.

Hex(43746C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(43746C)

Conversions

Conversions Part 1

Format	Color
Hex	43746C
RGB	67, 116, 108
RGB Percent	26%, 45%, 42%
CMY	0.7373, 0.5451, 0.5765
CMYK	0.42, 0.00, 0.07, 0.55
HSL	170°, 27%, 36%
HSV	170°, 42%, 45%
XYZ	11.2669, 14.7668, 16.4438
YIQ	100.4370, -26.6360, -12.8760

Conversions

Conversions Part 2

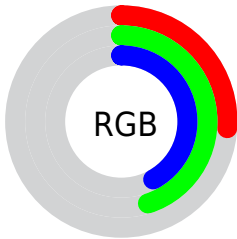
Format	Color
RYB	67, 94, 116
Decimal	4420716
CIELab	45.31, -18.66, -0.79
CIELCh	45, 18.680, 182.438
Yxy	14.7668, 0.2652, 0.3476
Android (android.graphics.Color)	4282610796 (0xFF43746C)
YUV	100.4370, 3.7286, -29.3242
Hunter-Lab	38.4276, -14.9123, 1.5281

Details

The Hex color **43746C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **74434B**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **76A89F**, and **10443D** is the 20% darker color. If you saturate the color by 10%, you get **37746A**, and if you desaturate by 10%, it is **4F746E**.

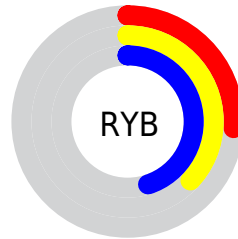
Distribution



Red (26%)

Green (45%)

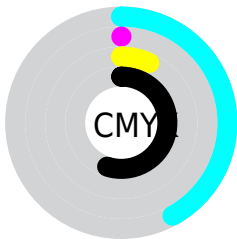
Blue (42%)



Red (26%)

Yellow (37%)

Blue (45%)

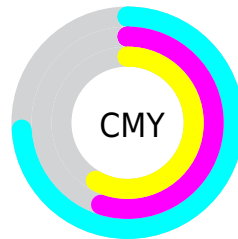


Cyan (42%)

Magenta (0%)

Yellow (7%)

Black (55%)



Cyan (74%)

Magenta (55%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 43746C 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 43746C by changing the saturation by 10% instead.

■ 43746C

■ 43746C

FFFFFF

■ 2A5B54

■ 76A89F

■ 10443D

■ 90C4BA

■ 002D27

■ ABE0D6

■ 001A12

■ C7FCF2

■ 000000

■ E4FFFF

■ 43746C

■ 43746C

■ 37746A

■ 4F746E

■ 2C7468

■ 5A7470

■ 207466

■ 667472

■ 157464

■ 717474

■ 097463

■ 7D7475

■ 007461

■ 897477

■ 947479

■ A0747B

■ AB747D

Harmonies

Analogous

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



53735C



43746C



3D737B

Triad

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



43746C



6F6786



836550

Complementary

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



43746C



74434B

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.



8A615B



43746C



80627A

Square

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



43746C



5A6C8A



8A606B



756B4C

Rectangle

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



43746C



417283



8A606B



866453

Sweetspot

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



43746C



839693



4B7443



404D4B



CCCCCC



4D4D4D

Same Dimension

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



43746C



4A968A



436474



353B3A



007A66



00FAD1

Inverse Universe

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



74434B



964A56



745343



3B3536



7A0014



FA0029

Previews

White Background



This preview shows how the Hex color 43746C looks on a white background.

Color Contrast Check

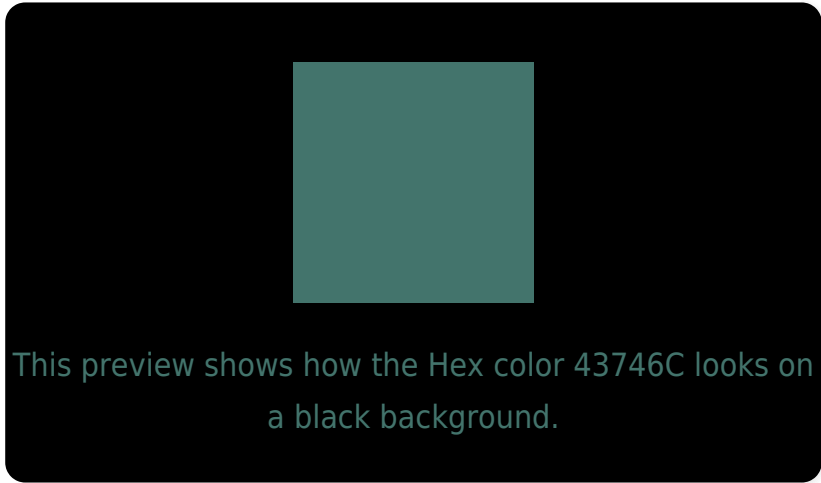
Large Text (above 18pt) WCAG AA ✓ Pass

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

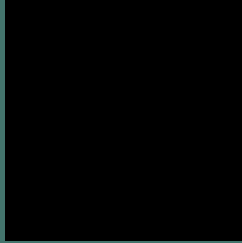
Any Text WCAG AA × Fail

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 43746C Background



This preview shows how black text looks on a background with the Hex color 43746C.

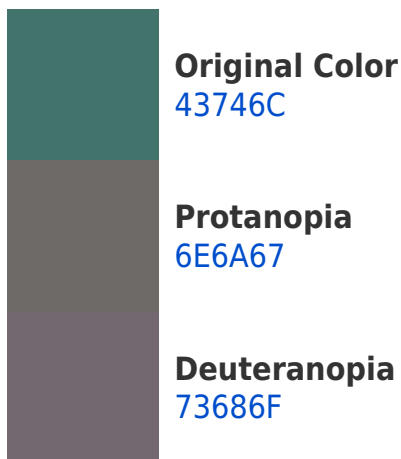


This preview shows how white text looks on a background with the Hex color 43746C.

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](#).

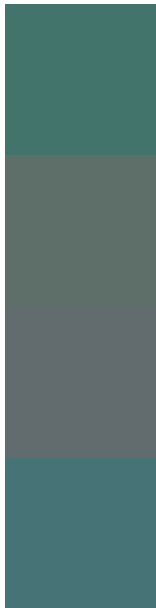
Dichromacy





Tritanopia
47727B

Trichromacy



Original Color
43746C

Protanomaly
5E6E69

Deuteranomaly
626C6E

Tritanomaly
467376

Monochromacy



Original Color
43746C

Achromatopsia
646464

Achromatomaly
586A67

CSS Examples

Text

The CSS property to change the color of the text to Hex 43746C 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 #43746C looks like.

```
.text, #text, p{  
    color:#43746C  
}
```

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 #43746C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43746C
}
```

Border

The CSS property to change the border of an element to Hex 43746C 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
#43746C }
```

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

```
.border{ border-color:#43746C }
```

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

Here you see how a box with a 4 pixel #43746C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43746C; -webkit-box-shadow:4px 4px  
4px 4px #43746C; box-shadow:4px 4px 4px  
4px #43746C }
```

Background

The CSS property to change the background color of an element to Hex 43746C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43746C }
```

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

```
.background{ background-color:#43746C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor