

Converting Colors

Hex(76846C)

Have a look what the booklet for
Hex(76846C) contains.

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Color

Hex(76846C)

Conversions

Conversions Part 1

Format	Color
Hex	76846C
RGB	118, 132, 108
RGB Percent	46%, 52%, 42%
CMY	0.5373, 0.4824, 0.5765
CMYK	0.11, 0.00, 0.18, 0.48
HSL	95°, 10%, 47%
HSV	95°, 18%, 52%
XYZ	18.4293, 21.4368, 17.3537
YIQ	125.0780, -0.6400, -10.4320

Conversions

Conversions Part 2

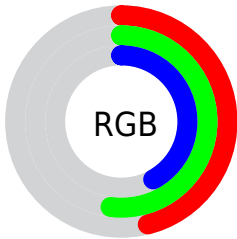
Format	Color
RYB	108, 132, 122
Decimal	7767148
CIELab	53.42, -9.85, 11.26
CIElCh	53, 14.958, 131.166
Yxy	21.4368, 0.3221, 0.3746
Android (android.graphics.Color)	4285957228 (0xFF76846C)
YUV	125.0780, -8.4195, -6.2074
Hunter-Lab	46.2999, -9.9745, 10.1873

Details

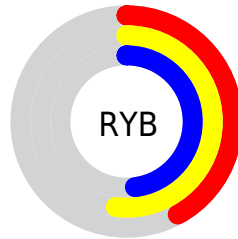
The Hex color **76846C** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7A6C84**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **AAB99F**, and **45533D** is the 20% darker color. If you saturate the color by 10%, you get **6E845F**, and if you desaturate by 10%, it is **7E8479**.

Distribution



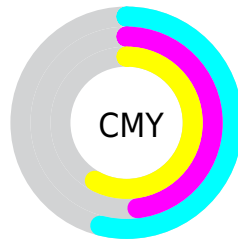
- Red (46%)
- Green (52%)
- Blue (42%)



- Red (42%)
- Yellow (52%)
- Blue (48%)



- Cyan (11%)
- Magenta (0%)
- Yellow (18%)
- Black (48%)



- Cyan (54%)
- Magenta (48%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76846C 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 76846C by changing the saturation by 10% instead.

 76846C

 76846C

FFFFFF

 5D6B54

 AAB99F

 45533D

 C6D5BA

 2F3B27

 E2F1D6

 1A2612

 FEFFF3

 001200

 000000

 76846C

 76846C

 6E845F

 7E8479

 678452

 858486

■ 5F8444

■ 8D8494

■ 578437

■ 9584A1

■ 4F842A

■ 9D84AE

■ 48841D

■ A484BB

■ 408410

■ AC84C8

■ 388402

■ B484D6

■ 378400

■ BB84E3

Harmonies

Analogous

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



858066



76846C



688677

Triad

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



76846C



678398



9A777B

Complementary

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



76846C



7A6C84

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.



947888



76846C



777F99

Square

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



76846C



5E8690



887B93



99786F

Rectangle

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



76846C



618780



887B93



997780

Sweetspot

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



76846C



A6ABA2



847A6C



545751



D6D6D6



575757

Same Dimension

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



76846C



95AB85



6C846E



3E423C



368200



010300

Inverse Universe

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



7A6C84



9B85AB



846C82



403C42



4C0082



010003

Previews

White Background



This preview shows how the Hex color 76846C looks on a white background.

Color Contrast Check

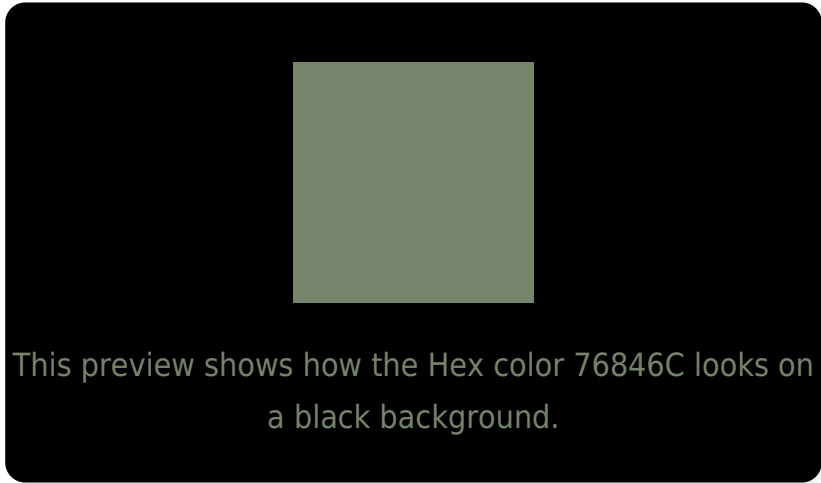
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

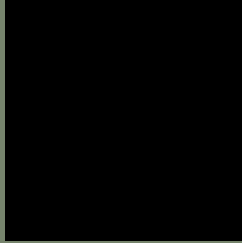
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

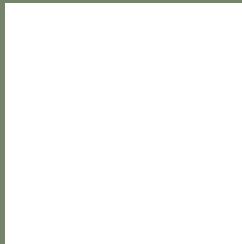
Any Text WCAG AAA × Fail

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

Hex 76846C Background



This preview shows how black text looks on a background with the Hex color 76846C.



This preview shows how white text looks on a background with the Hex color 76846C.

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
76846C

Protanopia
877F6A

Deuteranopia
927B6E



Tritanopia
7B808A

Trichromacy



Original Color
76846C

Protanomaly
81816B

Deuteranomaly
887E6D

Tritanomaly
79817F

Monochromacy



Original Color
76846C

Achromatopsia
7D7D7D

Achromatomaly
7A8077

CSS Examples

Text

The CSS property to change the color of the text to Hex 76846C 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 #76846C looks like.

```
.text, #text, p{  
    color:#76846C  
}
```

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 #76846C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76846C
}
```

Border

The CSS property to change the border of an element to Hex 76846C 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
#76846C }
```

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

```
.border{ border-color:#76846C }
```

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

Here you see how a box with a 4 pixel #76846C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76846C; -webkit-box-shadow:4px 4px  
4px 4px #76846C; box-shadow:4px 4px 4px  
4px #76846C }
```

Background

The CSS property to change the background color of an element to Hex 76846C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76846C }
```

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

```
.background{ background-color:#76846C }
```

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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