

Converting Colors

Hex(76806A)

Have a look what the booklet for
Hex(76806A) contains.

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Color

Hex(76806A)

Conversions

Conversions Part 1

Format	Color
Hex	76806A
RGB	118, 128, 106
RGB Percent	46%, 50%, 42%
CMY	0.5373, 0.4980, 0.5843
CMYK	0.08, 0.00, 0.17, 0.50
HSL	87°, 9%, 46%
HSV	87°, 17%, 50%
XYZ	17.7919, 20.3305, 16.6221
YIQ	122.5020, 1.1020, -8.9620

Conversions

Conversions Part 2

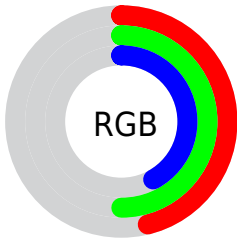
Format	Color
RYB	106, 128, 116
Decimal	7766122
CIELab	52.21, -7.98, 10.71
CIElCh	52, 13.358, 126.696
Yxy	20.3305, 0.3250, 0.3714
Android (android.graphics.Color)	4285956202 (0xFF76806A)
YUV	122.5020, -8.1355, -3.9483
Hunter-Lab	45.0894, -8.4717, 9.7054

Details

The Hex color **76806A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **746A80**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **AAB59D**, and **464F3B** is the 20% darker color. If you saturate the color by 10%, you get **70805D**, and if you desaturate by 10%, it is **7C8077**.

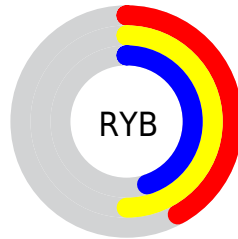
Distribution



Red (46%)

Green (50%)

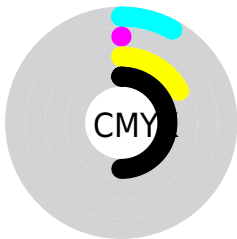
Blue (42%)



Red (42%)

Yellow (50%)

Blue (45%)

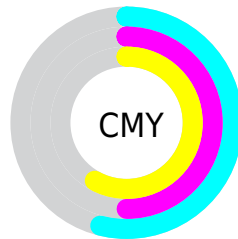


Cyan (8%)

Magenta (0%)

Yellow (17%)

Black (50%)



Cyan (54%)

Magenta (50%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76806A 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 76806A by changing the saturation by 10% instead.



76806A



76806A

FFFFFF



5D6752



AAB59D



464F3B



C6D0B8



2F3825



E2EDD4



1A2310



FEFFF0



000E00



000000



76806A



76806A



70805D



7C8077



6A8050



828084

■ 658044

■ 878090

■ 5F8037

■ 8D809D

■ 59802A

■ 9380AA

■ 53801D

■ 9980B7

■ 4D8010

■ 9F80C4

■ 478004

■ A580D0

■ 468000

■ AA80DD

Harmonies

Analogous

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



837D66



76806A



698273

Triad

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



76806A



668091



94757A

Complementary

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



76806A



746A80

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.



8E7686



76806A



737D93

Square

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



76806A



5F828A



82798F



94766F

Rectangle

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



76806A



63837B



82798F



93757E

Sweetspot

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



76806A



A2A69D



80746A



52544F



D4D4D4



545454

Same Dimension

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



76806A



96A683



6B806A



3D4039



468000



000000

Inverse Universe

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



746A80



9383A6



7F6A80



3C3940



3A0080



000000

Previews

White Background



This preview shows how the Hex color 76806A looks on a white background.

Color Contrast Check

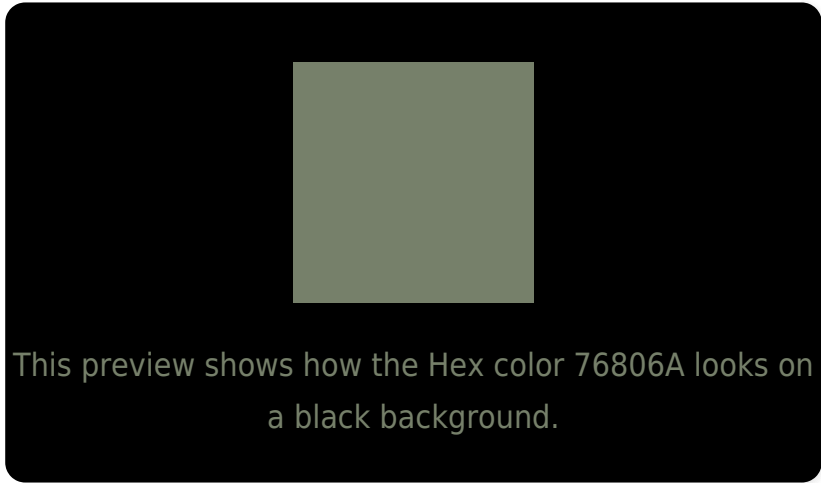
Large Text (above 18pt) WCAG AA ✓ Pass

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

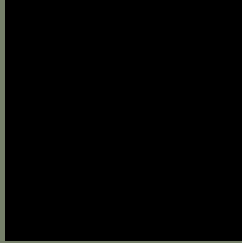
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

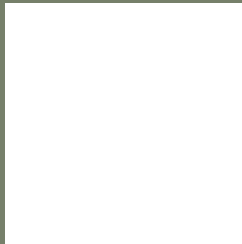
Any Text WCAG AAA × Fail

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

Hex 76806A Background



This preview shows how black text looks on a background with the Hex color 76806A.



This preview shows how white text looks on a background with the Hex color 76806A.

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


76806A

Protanopia

837C68

Deuteranopia

8E786C



Tritanopia
7A7C86

Trichromacy



Original Color
76806A

Protanomaly
7E7D69

Deuteranomaly
857B6B

Tritanomaly
797D7C

Monochromacy



Original Color
76806A

Achromatopsia
7B7B7B

Achromatomaly
797D75

CSS Examples

Text

The CSS property to change the color of the text to Hex 76806A 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 #76806A looks like.

```
.text, #text, p{  
    color:#76806A  
}
```

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 #76806A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76806A
}
```

Border

The CSS property to change the border of an element to Hex 76806A 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
#76806A }
```

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

```
.border{ border-color:#76806A }
```

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

Here you see how a box with a 4 pixel #76806A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76806A; -webkit-box-shadow:4px 4px  
4px 4px #76806A; box-shadow:4px 4px 4px  
4px #76806A }
```

Background

The CSS property to change the background color of an element to Hex 76806A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76806A }
```

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

```
.background{ background-color:#76806A }
```

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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