

# Converting Colors

Hex(77606B)

Have a look what the booklet for  
Hex(77606B) contains.

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# Color

Hex(77606B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	77606B
RGB	119, 96, 107
RGB Percent	47%, 38%, 42%
CMY	0.5333, 0.6235, 0.5804
CMYK	0.00, 0.19, 0.10, 0.53
HSL	331°, 11%, 42%
HSV	331°, 19%, 47%
XYZ	14.4445, 13.3492, 15.7253
YIQ	104.1310, 10.1770, 8.2970

# Conversions

## Conversions Part 2

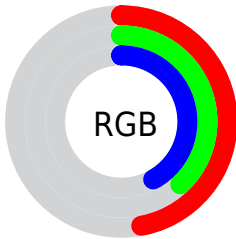
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 96, 107
Decimal	7823467
CIE <sub>Lab</sub>	43.28, 11.29, -2.72
CIE <sub>LCh</sub>	43, 11.608, 346.463
Yxy	13.3492, 0.3319, 0.3067
Android (android.graphics.Color)	4286013547 (0xFF77606B)
YUV	104.1310, 1.4144, 13.0401
Hunter-Lab	36.5366, 6.6296, 0.0573

# Details

The Hex color **77606B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **60776C**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **AB939E**, and **46323C** is the 20% darker color. If you saturate the color by 10%, you get **775465**, and if you desaturate by 10%, it is **776C71**.

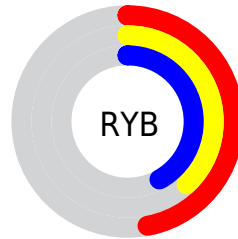
# Distribution



Red (47%)

Green (38%)

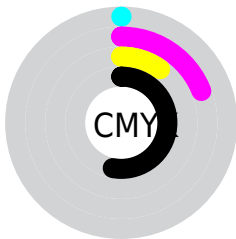
Blue (42%)



Red (47%)

Yellow (38%)

Blue (42%)

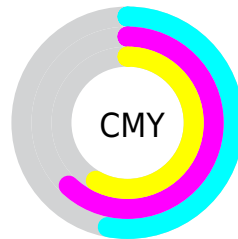


Cyan (0%)

Magenta (19%)

Yellow (10%)

Black (53%)



Cyan (53%)

Magenta (62%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77606B 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 77606B by changing the saturation by 10% instead.



■ 77606B

■ 77606B

FFFFFF

■ 5E4853

■ AB939E

■ 46323C

■ C7ADB9

■ 301C26

■ E3C9D5

■ 1C0311

■ FFE5F1

■ 000000

■ 77606B

■ 77606B

■ 775465

■ 776C71

■ 77485F

■ 777877

■ 773C58

■ 77847E

■ 773052

■ 779084

■ 77254C

■ 779B8A

■ 771946

■ 77A790

■ 770D40

■ 77B396

■ 770139

■ 77BF9D

■ 770039

■ 77CBA3

# Harmonies

## Analogous

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



6E6274



77606B



7B6061

# Triad

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



77606B



686754



4E6B74

# Complementary

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



77606B



60776C

# 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.



4D6C6B



77606B



5D6A59

# Square

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



77606B



726454



536C61



566879

# Rectangle

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



77606B



7A615B



536C61



4D6B71



# Sweetspot

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



77606B



9C9297



6C6077



4F4A4C



CFCFCF



4F4F4F



# Same Dimension

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



77606B



9C7889



776060



3B3538



7A003B



FA0078



# Inverse Universe

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



77606B



9C7889



607777



3B3538



7A003B

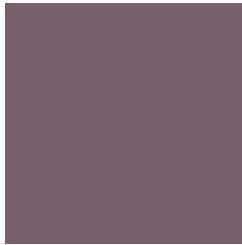


FA0078



# Previews

## White Background



This preview shows how the Hex color 77606B looks on a white background.

## Color Contrast Check

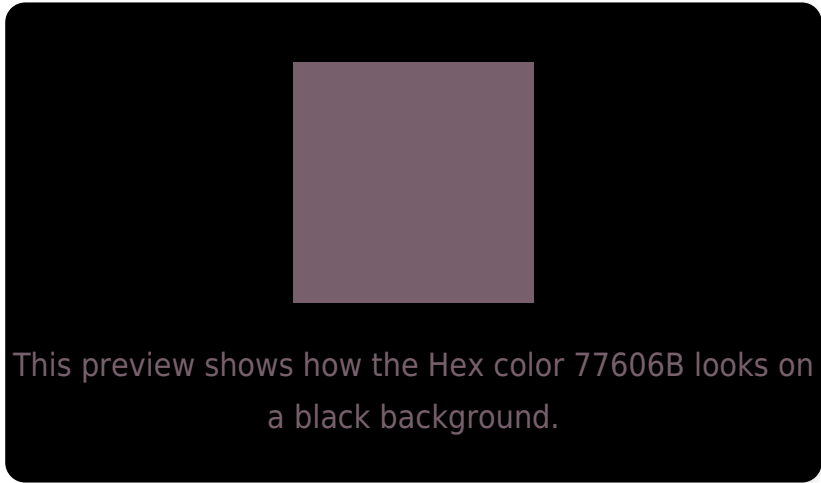
Large Text (above 18pt) WCAG AA ✓ Pass

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

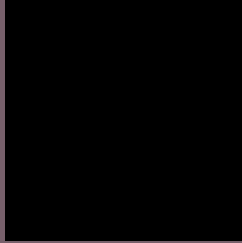
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 77606B Background



This preview shows how black text looks on a background with the Hex color 77606B.



This preview shows how white text looks on a background with the Hex color 77606B.

# 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**  
77606B

**Protanopia**  
66666E

**Deuteranopia**  
6F636A



**Tritanopia**  
776068

# Trichromacy



**Original Color**

77606B

**Protanomaly**

6C646D

**Deuteranomaly**

72626A

**Tritanomaly**

776069

# Monochromacy



**Original Color**

77606B

**Achromatopsia**

686868

**Achromatomaly**

6D6569

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77606B 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 #77606B looks like.

```
.text, #text, p{  
    color:#77606B  
}
```

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 #77606B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77606B
}
```

## Border

The CSS property to change the border of an element to Hex 77606B is called "border". The border property can be set on classes, ids or directly on the HTML element.

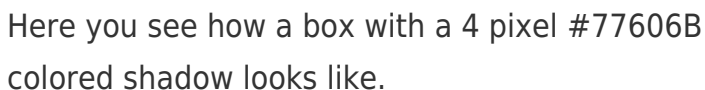
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77606B }
```

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

```
.border{ border-color:#77606B }
```

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



Here you see how a box with a 4 pixel #77606B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77606B; -webkit-box-shadow:4px 4px  
4px 4px #77606B; box-shadow:4px 4px 4px  
4px #77606B }
```

# Background

The CSS property to change the background color of an element to Hex 77606B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77606B }
```

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

```
.background{ background-color:#77606B }
```

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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