

# Converting Colors

Hex(766976)

Have a look what the booklet for  
Hex(766976) contains.

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# Color

**Hex(766976)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	766976
RGB	118, 105, 118
RGB Percent	46%, 41%, 46%
CMY	0.5373, 0.5882, 0.5373
CMYK	0.00, 0.11, 0.00, 0.54
HSL	300°, 6%, 44%
HSV	300°, 11%, 46%
XYZ	15.7928, 15.2627, 19.2532
YIQ	110.3690, 3.5750, 6.7990

# Conversions

## Conversions Part 2

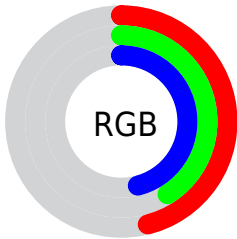
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 105, 118
Decimal	7760246
CIE Lab	45.99, 7.67, -5.37
CIE LCh	46, 9.368, 324.998
Yxy	15.2627, 0.3139, 0.3034
Android (android.graphics.Color)	4285950326 (0xFF766976)
YUV	110.3690, 3.7621, 6.6924
Hunter-Lab	39.0675, 3.7894, -1.8719

# Details

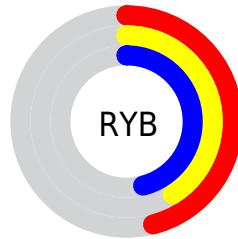
The Hex color **766976** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **697669**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **AA9CAA**, and **463A46** is the 20% darker color. If you saturate the color by 10%, you get **765D76**, and if you desaturate by 10%, it is **767576**.

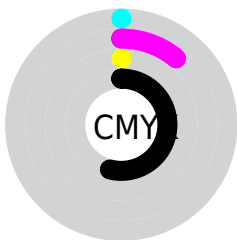
# Distribution



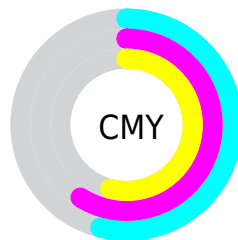
- Red (46%)
- Green (41%)
- Blue (46%)



- Red (46%)
- Yellow (41%)
- Blue (46%)



- Cyan (0%)
- Magenta (11%)
- Yellow (0%)
- Black (54%)



- Cyan (54%)
- Magenta (59%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 766976 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 766976 by changing the saturation by 10% instead.



766976

766976

FFFFFF

5D515D

AA9CAA

463A46

C5B7C5

2F242F

E1D3E1

1B101B

FEEFFE

000000

766976

766976

765D76

767576

765176

768176

764676

768C76

■ 763A76

■ 769876

■ 762E76

■ 76A476

■ 762276

■ 76B076

■ 761676

■ 76BC76

■ 760B76

■ 76C776

■ 760076

■ 76D376

# Harmonies

## Analogous

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



6D6B7B



766976



7C686F

# Triad

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



766976



756C5D



597173

# Complementary

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



766976



697669

# 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.



5C726B



766976



6C6E5F

# Square

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



766976



7B6960



637064



5B7079

# Rectangle

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



766976



7E6869



637064



597271



# Sweetspot

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



766976



999499



696976



4D494D



CCCCCC



4D4D4D



# Same Dimension

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



766976



998599



76696F



3B353B



7A007A



FA00FA



# Inverse Universe

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



766976



998599



69766F



3B353B



7A007A



FA00FA



# Previews

## White Background



This preview shows how the Hex color 766976 looks on a white background.

## Color Contrast Check

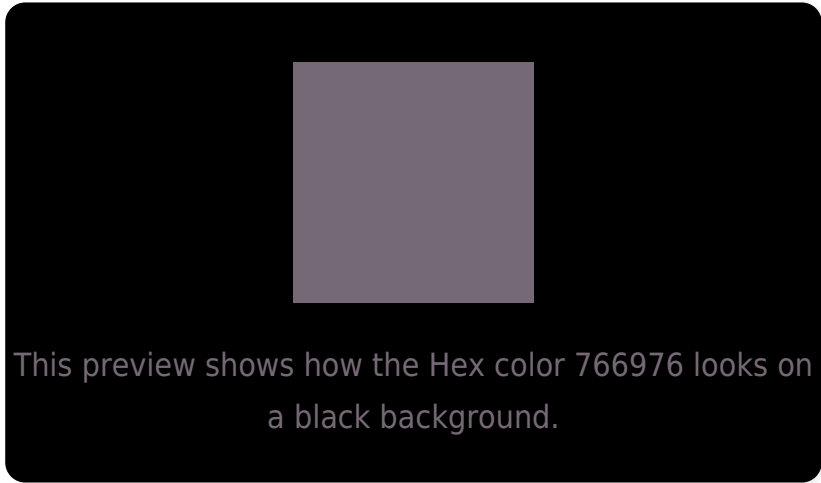
Large Text (above 18pt) WCAG AA ✓ Pass

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

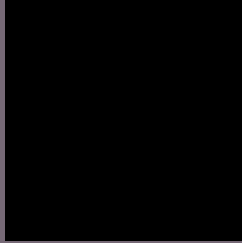
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 766976 Background



This preview shows how black text looks on a background with the Hex color 766976.

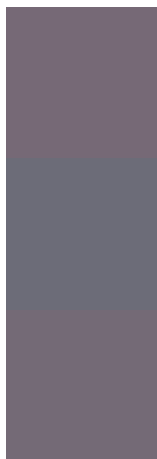


This preview shows how white text looks on a background with the Hex color 766976.

# 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**

766976

**Protanopia**

6C6C78

**Deuteranopia**

746A76



**Tritanopia**  
756A72

# Trichromacy



**Original Color**

766976

**Protanomaly**

706B77

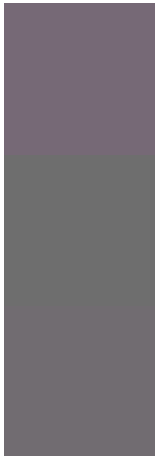
**Deuteranomaly**

756A76

**Tritanomaly**

756A73

# Monochromacy



**Original Color**

766976

**Achromatopsia**

6E6E6E

**Achromatomaly**

716C71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 766976 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 #766976 looks like.

```
.text, #text, p{  
    color:#766976  
}
```

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 #766976 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766976
}
```

## Border

The CSS property to change the border of an element to Hex 766976 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
#766976 }
```

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

```
.border{ border-color:#766976 }
```

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

Here you see how a box with a 4 pixel #766976 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766976; -webkit-box-shadow:4px 4px  
4px 4px #766976; box-shadow:4px 4px 4px  
4px #766976 }
```

# Background

The CSS property to change the background color of an element to Hex 766976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766976 }
```

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

```
.background{ background-color:#766976 }
```

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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