

# Converting Colors

Hex(76336C)

Have a look what the booklet for  
Hex(76336C) contains.

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**Color**

**Hex(76336C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76336C
RGB	118, 51, 108
RGB Percent	46%, 20%, 42%
CMY	0.5373, 0.8000, 0.5765
CMYK	0.00, 0.57, 0.08, 0.54
HSL	309°, 40%, 33%
HSV	309°, 57%, 46%
XYZ	11.3618, 7.3019, 14.9979
YIQ	77.5310, 21.6350, 31.9310

# Conversions

## Conversions Part 2

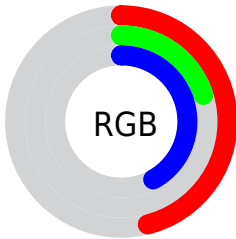
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	118, 51, 108
Decimal	7746412
CIE Lab	32.48, 37.32, -19.69
CIE LCh	32, 42.198, 332.178
Yxy	7.3019, 0.3375, 0.2169
Android (android.graphics.Color)	4285936492 (0xFF76336C)
YUV	77.5310, 15.0212, 35.4913
Hunter-Lab	27.0221, 27.7643, -13.9920

# Details

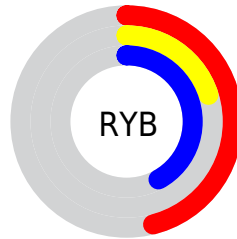
The Hex color **76336C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **33763D**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **AC65A0**, and **43003C** is the 20% darker color. If you saturate the color by 10%, you get **76276A**, and if you desaturate by 10%, it is **763F6E**.

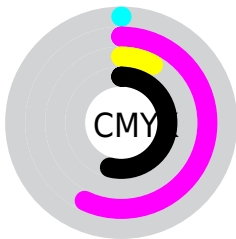
# Distribution



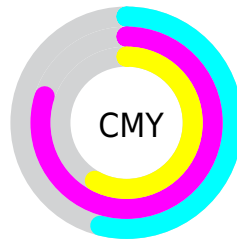
- Red (46%)
- Green (20%)
- Blue (42%)



- Red (46%)
- Yellow (20%)
- Blue (42%)



- Cyan (0%)
- Magenta (57%)
- Yellow (8%)
- Black (54%)



- Cyan (54%)
- Magenta (80%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76336C 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 76336C by changing the saturation by 10% instead.



 76336C

 76336C

FFFFFF

 5C1A54

 AC65A0

 43003C

 C87FBB

 2D0027

 E599D6

 050010

 FFB5F3

 000000

 FFD1FF

 FFEDFF

 76336C

 76336C

 76276A

 763F6E

 761B68

 764B70

 761067

 765671

 760465

 766273

 760064

 766E75

 767A77

 768678

 76917A

 769D7C

# Harmonies

## Analogous

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



4F4285



76336C



872A4B

# Triad

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



76336C



5A4C00



005B6F

# Complementary

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



76336C



33763D

# 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.



005C4E



76336C



38550C

# Square

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



76336C



743F0E



005A2C



005887

# Rectangle

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



76336C



872D35



005A2C



005C65



# Sweetspot

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



76336C



997F95



3C3376



4D3D4A



CCCCCC



4D4D4D



# Same Dimension

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



76336C



993189



76334C



3B353A



7A0068



FA00D5



# Inverse Universe

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



76336C



993189



33765D



3B353A



7A0068



FA00D5



# Previews

## White Background



This preview shows how the Hex color 76336C looks on a white background.

## Color Contrast Check

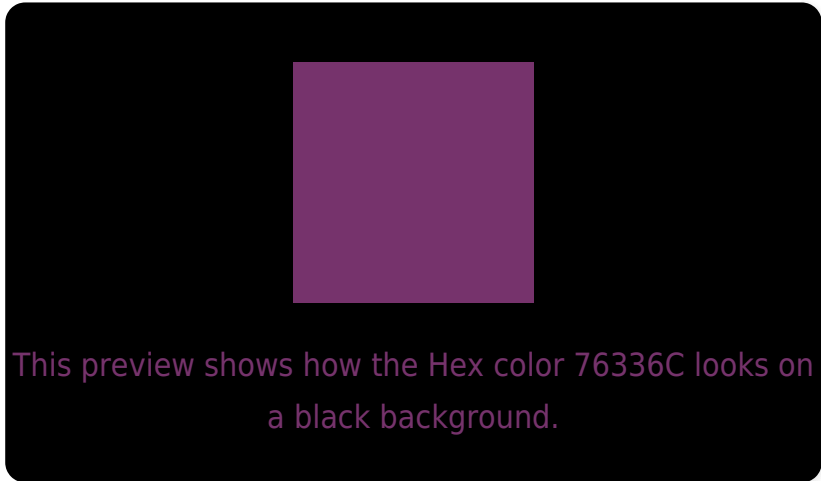
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

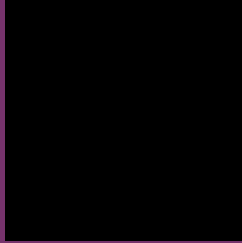
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 76336C Background



This preview shows how black text looks on a background with the Hex color 76336C.




This preview shows how white text looks on a background with the Hex color 76336C.

# 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**  
713E42

# Trichromacy



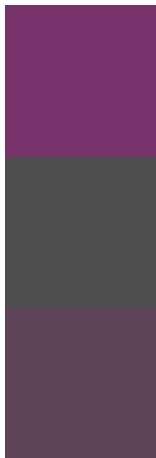
**Original Color**  
76336C

**Protanomaly**  
4E4279

**Deuteranomaly**  
574369

**Tritanomaly**  
733A51

# Monochromacy



**Original Color**  
76336C

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
5D4459

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76336C 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 #76336C looks like.

```
.text, #text, p{  
    color:#76336C  
}
```

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 #76336C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76336C
}
```

## Border

The CSS property to change the border of an element to Hex 76336C is called "border". The border property can be set on classes, ids or directly on the HTML element.

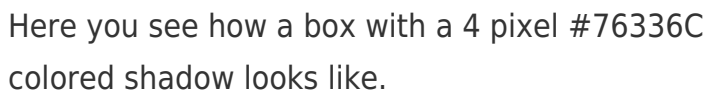
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#76336C }
```

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

```
.border{ border-color:#76336C }
```

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



Here you see how a box with a 4 pixel #76336C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76336C; -webkit-box-shadow:4px 4px  
4px 4px #76336C; box-shadow:4px 4px 4px  
4px #76336C }
```

# Background

The CSS property to change the background color of an element to Hex 76336C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76336C }
```

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

```
.background{ background-color:#76336C }
```

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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