

# Converting Colors

Hex(75636D)

Have a look what the booklet for  
Hex(75636D) contains.

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# Color

**Hex(75636D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	75636D
RGB	117, 99, 109
RGB Percent	46%, 39%, 43%
CMY	0.5412, 0.6118, 0.5725
CMYK	0.00, 0.15, 0.07, 0.54
HSL	327°, 8%, 42%
HSV	327°, 15%, 46%
XYZ	14.5583, 13.8097, 16.3662
YIQ	105.5220, 7.5180, 6.9260

# Conversions

## Conversions Part 2

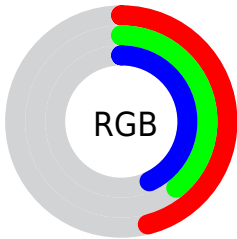
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 99, 109
Decimal	7693165
CIELab	43.96, 9.08, -2.96
CIELCh	44, 9.550, 341.933
Yxy	13.8097, 0.3254, 0.3087
Android (android.graphics.Color)	4285883245 (0xFF75636D)
YUV	105.5220, 1.7147, 10.0662
Hunter-Lab	37.1614, 4.8963, -0.0989

# Details

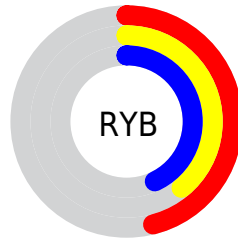
The Hex color **75636D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **63756B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A996A0**, and **45343E** is the 20% darker color. If you saturate the color by 10%, you get **755768**, and if you desaturate by 10%, it is **756F72**.

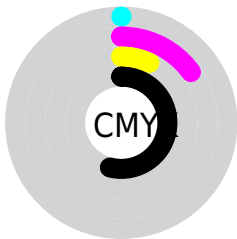
# Distribution



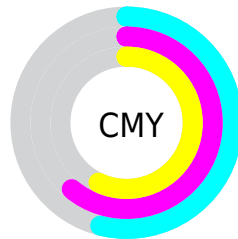
- Red (46%)
- Green (39%)
- Blue (43%)



- Red (46%)
- Yellow (39%)
- Blue (43%)



- Cyan (0%)
- Magenta (15%)
- Yellow (7%)
- Black (54%)



- Cyan (54%)
- Magenta (61%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75636D 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 75636D by changing the saturation by 10% instead.



■ 75636D

■ 75636D

FFFFFF

■ 5C4B55

■ A996A0

■ 45343E

■ C4B0BB

■ 2E1F28

■ E0CCD7

■ 1A0813

■ FDE8F4

■ 000000

■ 75636D

■ 75636D

■ 755768

■ 756F72

■ 754C63

■ 757A77

■ 75405D

■ 75867D

■ 753458

■ 759282

■ 752953

■ 759E87

■ 751D4E

■ 75A98C

■ 751149

■ 75B591

■ 750543

■ 75C197

■ 750041

■ 75CC9C

# Harmonies

## Analogous

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



6D6574



75636D



796365

# Triad

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



75636D



6B6858



546C72

# Complementary

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



75636D



63756B

# 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.



546D6B



75636D



626B5C

# Square

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



75636D



736659



5A6C63



5A6A77

# Rectangle

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



75636D



796360



5A6C63



546C70



# Sweetspot

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



75636D



999196



6B6375



4D484A



CCCCCC



4D4D4D



# Same Dimension

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



75636D



997D8D



756364



3B3538



7A0044



FA008B



# Inverse Universe

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



75636D



997D8D



637574



3B3538



7A0044



FA008B



# Previews

## White Background



This preview shows how the Hex color 75636D looks on a white background.

## Color Contrast Check

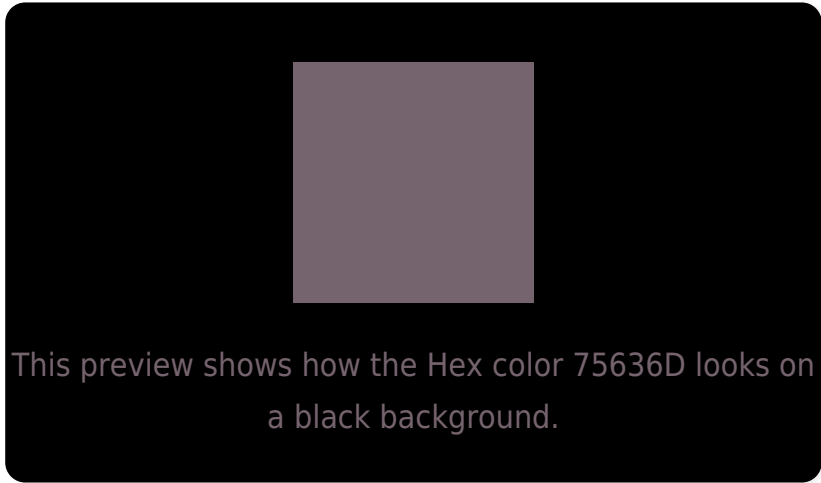
Large Text (above 18pt) WCAG AA ✓ Pass

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

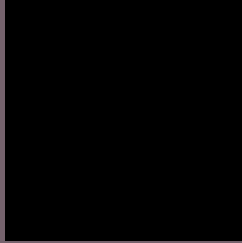
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 75636D Background



This preview shows how black text looks on a background with the Hex color 75636D.



This preview shows how white text looks on a background with the Hex color 75636D.

# 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**  
75636D

**Protanopia**  
686770

**Deuteranopia**  
70656D



**Tritanopia**  
75636B

# Trichromacy



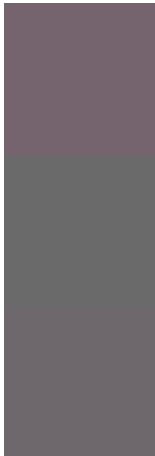
**Original Color**  
75636D

**Protanomaly**  
6D666F

**Deuteranomaly**  
72646D

**Tritanomaly**  
75636C

# Monochromacy



**Original Color**  
75636D

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
6E676B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75636D 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 #75636D looks like.

```
.text, #text, p{  
    color:#75636D  
}
```

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 #75636D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75636D
}
```

## Border

The CSS property to change the border of an element to Hex 75636D is called "border". The border property can be set on classes, ids or directly on the HTML element.

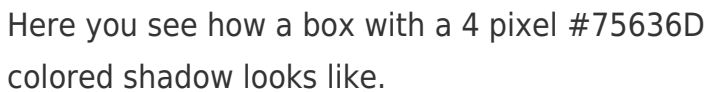
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#75636D }
```

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

```
.border{ border-color:#75636D }
```

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



Here you see how a box with a 4 pixel #75636D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75636D; -webkit-box-shadow:4px 4px  
4px 4px #75636D; box-shadow:4px 4px 4px  
4px #75636D }
```

# Background

The CSS property to change the background color of an element to Hex 75636D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75636D }
```

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

```
.background{ background-color:#75636D }
```

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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