

Converting Colors

Hex(75686D)

Have a look what the booklet for
Hex(75686D) contains.

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Color

Hex(75686D)

Conversions

Conversions Part 1

Format	Color
Hex	75686D
RGB	117, 104, 109
RGB Percent	46%, 41%, 43%
CMY	0.5412, 0.5922, 0.5725
CMYK	0.00, 0.11, 0.07, 0.54
HSL	337°, 6%, 43%
HSV	337°, 11%, 46%
XYZ	15.0467, 14.7867, 16.5291
YIQ	108.4570, 6.1430, 4.3110

Conversions

Conversions Part 2

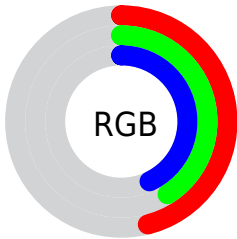
Format	Color
R_{YB}	117, 104, 109
Decimal	7694445
CIE Lab	45.34, 6.08, -0.93
CIE LCh	45, 6.153, 351.299
Yxy	14.7867, 0.3245, 0.3189
Android (android.graphics.Color)	4285884525 (0xFF75686D)
YUV	108.4570, 0.2677, 7.4922
Hunter-Lab	38.4534, 2.5532, 1.4318

Details

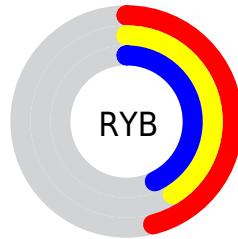
The Hex color **75686D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **687570**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **A99BA0**, and **45393E** is the 20% darker color. If you saturate the color by 10%, you get **755C66**, and if you desaturate by 10%, it is **757474**.

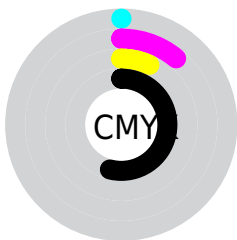
Distribution



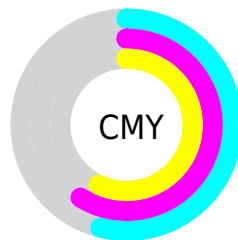
- Red (46%)
- Green (41%)
- Blue (43%)



- Red (46%)
- Yellow (41%)
- Blue (43%)



- Cyan (0%)
- Magenta (11%)
- Yellow (7%)
- Black (54%)



- Cyan (54%)
- Magenta (59%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75686D 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 75686D by changing the saturation by 10% instead.

■ 75686D

■ 75686D

FFFFFF

■ 5C5055

■ A99BA0

■ 45393E

■ C4B6BB

■ 2E2328

■ E0D2D7

■ 1A0E13

■ FDEEF4

■ 000000

■ 75686D

■ 75686D

■ 755C66

■ 757474

■ 75515F

■ 757F7B

■ 754557

■ 758B83

 753950

 75978A

 752E49

 75A391

 752242

 75AE98

 75163B

 75BA9F

 750A33

 75C6A7

 75002D

 75D1AE

Harmonies

Analogous

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



716972



75686D



776868

Triad

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



75686D



6C6C62



606E73

Complementary

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



75686D



687570

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.



5F6E6F



75686D



666E65

Square

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



75686D



716A61



616E6A



646C75

Rectangle

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



75686D



766965



616E6A



5F6E72

Sweetspot

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



75686D



999496



706875



4D494B



CCCCCC



4D4D4D

Same Dimension

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



75686D



99858D



756968



3B3537



7A002F



FA0060

Inverse Universe

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



75686D



99858D



687475



3B3537



7A002F



FA0060

Previews

White Background



This preview shows how the Hex color 75686D looks on a white background.

Color Contrast Check

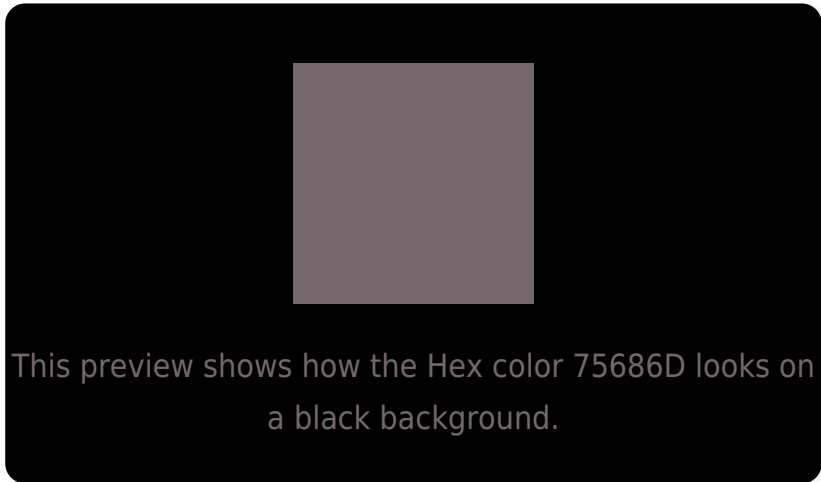
Large Text (above 18pt) WCAG AA ✓ Pass

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

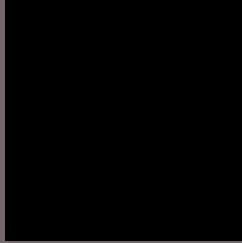
Any Text WCAG AA × Fail

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 75686D Background



This preview shows how black text looks on a background with the Hex color 75686D.



This preview shows how white text looks on a background with the Hex color 75686D.

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
75686D

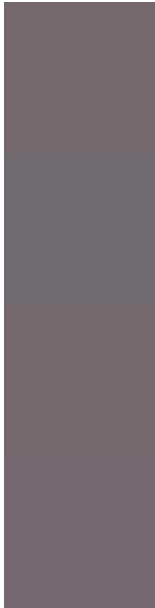
Protanopia
6C6B6F

Deuteranopia
75686D



Tritanopia
756870

Trichromacy



Original Color

75686D

Protanomaly

6F6A6E

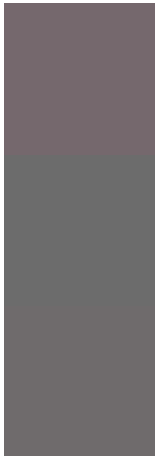
Deuteranomaly

75686D

Tritanomaly

75686F

Monochromacy



Original Color

75686D

Achromatopsia

6C6C6C

Achromatomaly

6F6B6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 75686D 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 #75686D looks like.

```
.text, #text, p{  
    color:#75686D  
}
```

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 #75686D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75686D
}
```

Border

The CSS property to change the border of an element to Hex 75686D is called "border". The border property can be set on classes, ids or directly on the HTML element.

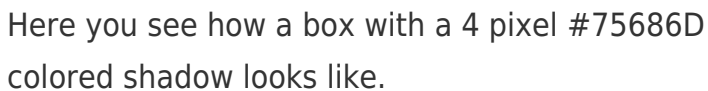
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#75686D }
```

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

```
.border{ border-color:#75686D }
```

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



Here you see how a box with a 4 pixel #75686D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75686D; -webkit-box-shadow:4px 4px  
4px 4px #75686D; box-shadow:4px 4px 4px  
4px #75686D }
```

Background

The CSS property to change the background color of an element to Hex 75686D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75686D }
```

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

```
.background{ background-color:#75686D }
```

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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