

# Converting Colors

Hex(70686E)

Have a look what the booklet for  
Hex(70686E) contains.

<b>Hex(70686E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(70686E)**

# Conversions

Conversions Part 1	
Format	Color
Hex	70686E
RGB	112, 104, 110
RGB Percent	44%, 41%, 43%
CMY	0.5608, 0.5922, 0.5686
CMYK	0.00, 0.07, 0.02, 0.56
HSL	315°, 4%, 42%
HSV	315°, 7%, 44%
XYZ	14.4469, 14.4712, 16.7836
YIQ	107.0760, 2.8420, 3.5620

# Conversions

## Conversions Part 2

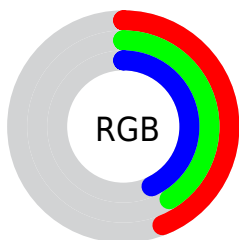
Format	Color
<a href="#">RYB</a>	<a href="#">112, 104, 110</a>
Decimal	<a href="#">7366766</a>
CIELab	<a href="#">44.90, 4.33, -2.23</a>
CIELCh	<a href="#">45, 4.875, 332.733</a>
Yxy	<a href="#">14.4712, 0.3161, 0.3166</a>
Android (android.graphics.Color)	<a href="#">4285556846</a> (0xFF70686E)
YUV	<a href="#">107.0760, 1.4415, 4.3183</a>
Hunter-Lab	<a href="#">38.0410, 1.2175, 0.4700</a>

# Details

The Hex color **70686E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **68706A**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **A49BA2**, and **40393F** is the 20% darker color. If you saturate the color by 10%, you get **705D6B**, and if you desaturate by 10%, it is **707371**.

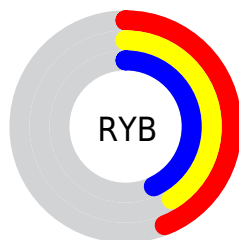
# Distribution



Red (44%)

Green (41%)

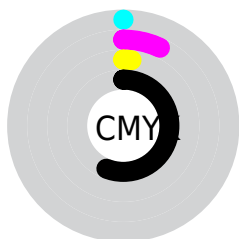
Blue (43%)



Red (44%)

Yellow (41%)

Blue (43%)

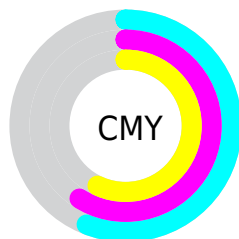


Cyan (0%)

Magenta (7%)

Yellow (2%)

Black (56%)



Cyan (56%)

Magenta (59%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70686E 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 70686E by changing the saturation by 10% instead.





70686E



70686E

FFFFFF



585056



A49BA2



40393F



BFB6BD



2A2429



DBD2D8



160E14



F7EEF5



000000



70686E



70686E



705D6B



707371



705268



707E74




704666



708A76

 703B63

 709579

 703060

 70A07C

 70255D

 70AB7F

 701A5A

 70B682

 700E58

 70C284

 700355

 70CD87

# Harmonies

## Analogous

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



6C6971



70686E



73686A

# Triad

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



70686E



6D6A62



606C6E

# Complementary

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



70686E



68706A

# 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.



616D6A



70686E



696B63

# Square

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



70686E



716963



646C66



626C71

# Rectangle

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



70686E



736867



646C66



606D6D



# Sweetspot

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



70686E



918E91



6A6870



4A484A



C9C9C9



4A4A4A



# Same Dimension

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



70686E



91848E



70686A



383237



78005A



F700BA



# Inverse Universe

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



70686E



91848E



68706E



383237



78005A



F700BA



# Previews

## White Background



This preview shows how the Hex color 70686E 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



This preview shows how the Hex color 70686E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

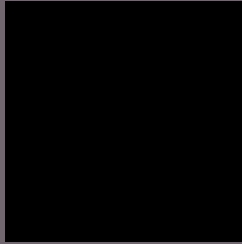
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 70686E Background



This preview shows how black text looks on a background with the Hex color 70686E.



This preview shows how white text looks on a background with the Hex color 70686E.

# 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**

70686E

**Protanopia**

6B6A6F

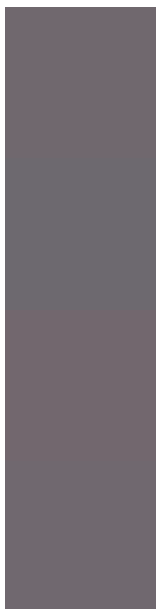
**Deuteranopia**

73676E



**Tritanopia**  
706870

# Trichromacy



**Original Color**

70686E

**Protanomaly**

6D696F

**Deuteranomaly**

72676E

**Tritanomaly**

70686F

# Monochromacy



**Original Color**

70686E

**Achromatopsia**

6B6B6B

**Achromatomaly**

6D6A6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70686E 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 #70686E looks like.

```
.text, #text, p{  
    color:#70686E  
}
```

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 #70686E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70686E
}
```

## Border

The CSS property to change the border of an element to Hex 70686E 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
#70686E }
```

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

```
.border{ border-color:#70686E }
```

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

Here you see how a box with a 4 pixel #70686E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70686E; -webkit-box-shadow:4px 4px  
4px 4px #70686E; box-shadow:4px 4px 4px  
4px #70686E }
```

# Background

The CSS property to change the background color of an element to Hex 70686E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70686E }
```

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

```
.background{ background-color:#70686E }
```

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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