

Converting Colors

Hex(70536D)

Have a look what the booklet for
Hex(70536D) contains.

Hex(70536D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(70536D)

Conversions

Conversions Part 1

Format	Color
Hex	70536D
RGB	112, 83, 109
RGB Percent	44%, 33%, 43%
CMY	0.5608, 0.6745, 0.5725
CMYK	0.00, 0.26, 0.03, 0.56
HSL	306°, 15%, 38%
HSV	306°, 26%, 44%
XYZ	12.5357, 10.7354, 15.8794
YIQ	94.6350, 8.9380, 14.2340

Conversions

Conversions Part 2

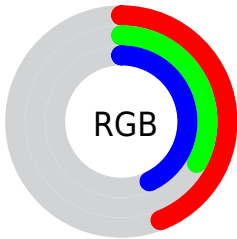
Format	Color
R_{YB}	112, 83, 109
Decimal	7361389
CIE Lab	39.13, 16.88, -10.22
CIE LCh	39, 19.730, 328.801
Yxy	10.7354, 0.3202, 0.2742
Android (android.graphics.Color)	4285551469 (0xFF70536D)
YUV	94.6350, 7.0819, 15.2291
Hunter-Lab	32.7649, 10.9545, -5.7993

Details

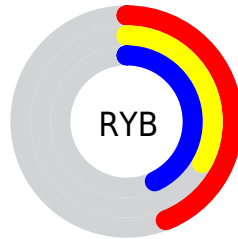
The Hex color **70536D** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **537056**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **A485A1**, and **40263D** is the 20% darker color. If you saturate the color by 10%, you get **70486C**, and if you desaturate by 10%, it is **705E6E**.

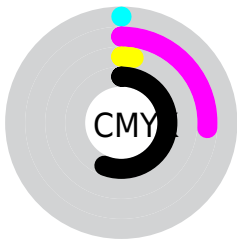
Distribution



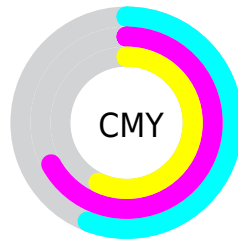
- Red (44%)
- Green (33%)
- Blue (43%)



- Red (44%)
- Yellow (33%)
- Blue (43%)



- Cyan (0%)
- Magenta (26%)
- Yellow (3%)
- Black (56%)



- Cyan (56%)
- Magenta (67%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70536D 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 70536D by changing the saturation by 10% instead.

 70536D

 70536D

FFFFFF

 573C55

 A485A1

 40263D

 BF9FBC

 291128

 DBBAD7

 150013

 F8D6F4

 000000

 FFF2FF

 70536D

 70536D

 70486C

 705E6E

 703D6B

 70696F

70316A

707570

702668

708072

701B67

708B73

701066

709674

700565

70A175

700064

70AD76

70B877

Harmonies

Analogous

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



5E5878



70536D



7A505D

Triad

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



70536D



685B3C



28656B

Complementary

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



70536D



537056

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.



32655B



70536D



576040

Square

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



70536D



755541



44634B



306277

Rectangle

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



70536D



7C5153



44634B



2A6566

Sweetspot

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



70536D



918690



565370



4A4349



C9C9C9



4A4A4A

Same Dimension

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



70536D



91648D



70535F



383238



78006B



F700DE

Inverse Universe

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



70536D



91648D



537064



383238



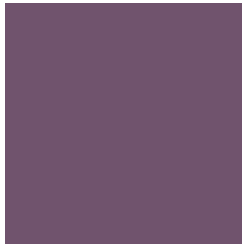
78006B



F700DE

Previews

White Background



This preview shows how the Hex color 70536D looks on a white background.

Color Contrast Check

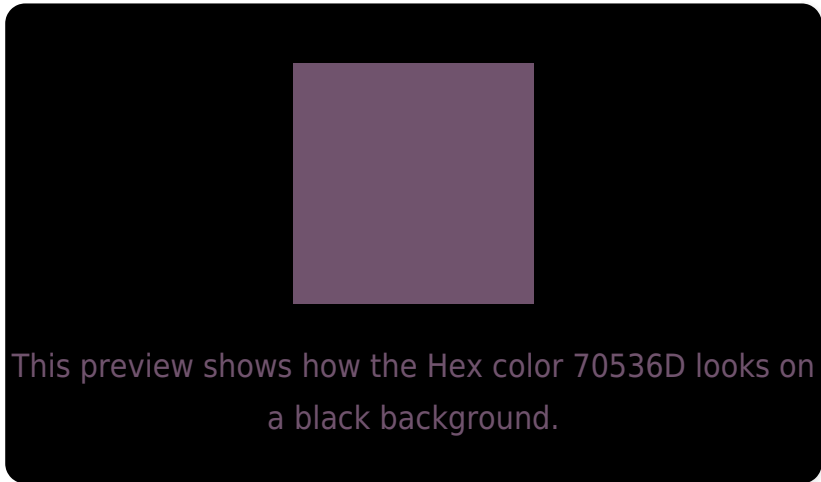
Large Text (above 18pt) WCAG AA ✓ Pass

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

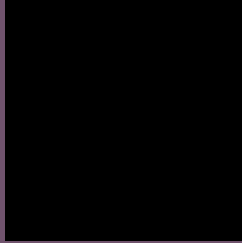
Any Text WCAG AA × Fail

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 70536D Background



This preview shows how black text looks on a background with the Hex color 70536D.



This preview shows how white text looks on a background with the Hex color 70536D.

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
70536D

Protanopia
575B73

Deuteranopia
5E5A6C



Tritanopia
6E565D

Trichromacy



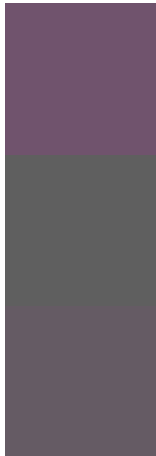
Original Color
70536D

Protanomaly
605871

Deuteranomaly
65576C

Tritanomaly
6F5563

Monochromacy



Original Color
70536D

Achromatopsia
5F5F5F

Achromatomaly
655B64

CSS Examples

Text

The CSS property to change the color of the text to Hex 70536D 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 #70536D looks like.

```
.text, #text, p{  
    color:#70536D  
}
```

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 #70536D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70536D
}
```

Border

The CSS property to change the border of an element to Hex 70536D is called "border". The border property can be set on classes, ids or directly on the HTML element.

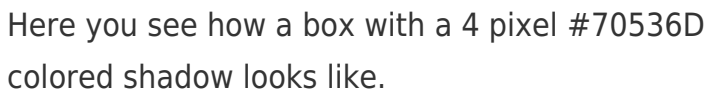
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#70536D }
```

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

```
.border{ border-color:#70536D }
```

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



Here you see how a box with a 4 pixel #70536D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70536D; -webkit-box-shadow:4px 4px  
4px 4px #70536D; box-shadow:4px 4px 4px  
4px #70536D }
```

Background

The CSS property to change the background color of an element to Hex 70536D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70536D }
```

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

```
.background{ background-color:#70536D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor