

Converting Colors

Hex(706C86)

Have a look what the booklet for
Hex(706C86) contains.

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Color

Hex(706C86)

Conversions

Conversions Part 1

Format	Color
Hex	706C86
RGB	112, 108, 134
RGB Percent	44%, 42%, 53%
CMY	0.5608, 0.5765, 0.4745
CMYK	0.16, 0.19, 0.00, 0.47
HSL	249°, 11%, 47%
HSV	249°, 19%, 53%
XYZ	16.3477, 15.8911, 24.7599
YIQ	112.1600, -5.9620, 8.9340

Conversions

Conversions Part 2

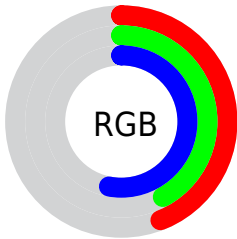
Format	Color
R_{YB}	112, 108, 134
Decimal	7367814
CIE Lab	46.83, 7.24, -13.75
CIE LCh	47, 15.535, 297.772
Yxy	15.8911, 0.2868, 0.2788
Android (android.graphics.Color)	4285557894 (0xFF706C86)
YUV	112.1600, 10.7671, -0.1403
Hunter-Lab	39.8636, 3.4399, -8.9214

Details

The Hex color **706C86** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **82866C**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **A49FBB**, and **403D54** is the 20% darker color. If you saturate the color by 10%, you get **655F86**, and if you desaturate by 10%, it is **7B7986**.

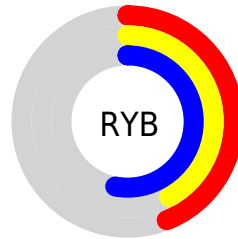
Distribution



Red (44%)

Green (42%)

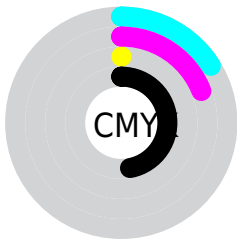
Blue (53%)



Red (44%)

Yellow (42%)

Blue (53%)

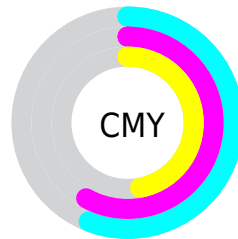


Cyan (16%)

Magenta (19%)

Yellow (0%)

Black (47%)



Cyan (56%)

Magenta (58%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 706C86 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 706C86 by changing the saturation by 10% instead.

■ 706C86

■ 706C86

FFFFFF

■ 57546D

■ A49FBB

■ 403D54

■ BFBAD7

■ 29273D

■ DBD6F3

■ 151327

■ F8F2FF

■ 000112

■ 000000

■ 706C86

■ 706C86

■ 655F86

■ 7B7986

■ 595186

■ 878786

■ 4E4486

■ 929486

■ 433686

■ 9DA286

■ 372986

■ A9AF86

■ 2C1C86

■ B4BC86

■ 210E86

■ BFCA86

■ 150186

■ CBD786

■ 150086

■ D6E586

Harmonies

Analogous

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



5E7089



706C86



7F687D

Triad

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



706C86



856A59



50766E

Complementary

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



706C86



82866C

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.



5D7561



706C86



7A6E55

Square

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



706C86



8A6663



6C7258



4B767B

Rectangle

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



706C86



866675



6C7258



547669

Sweetspot

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



706C86



A5A3AD



6C8286



525157



D6D6D6



575757

Same Dimension

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



706C86



8C86AD



7D6C86



3D3C42



140082



000003

Inverse Universe

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



866C82



AD86A7



75866C



423C41



82006E



030002

Previews

White Background



This preview shows how the Hex color 706C86 looks on a white background.

Color Contrast Check

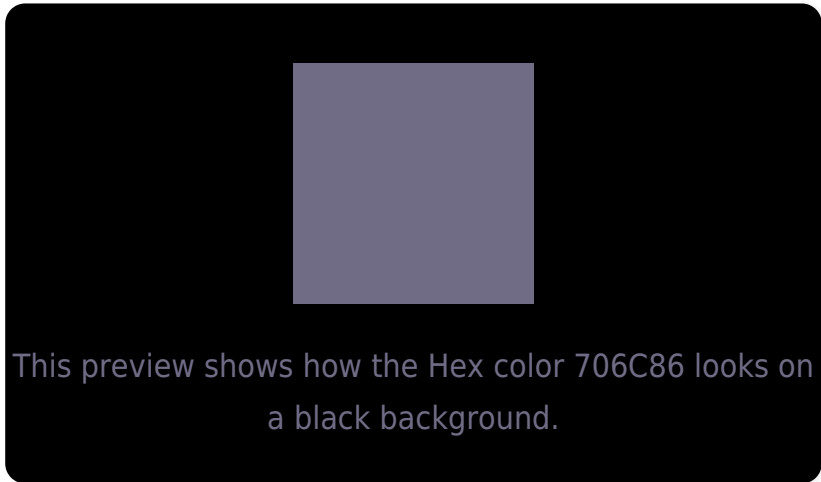
Large Text (above 18pt) WCAG AA ✓ Pass

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

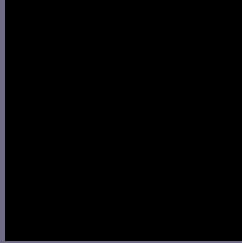
Any Text WCAG AA × Fail

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 706C86 Background



This preview shows how black text looks on a background with the Hex color 706C86.



This preview shows how white text looks on a background with the Hex color 706C86.

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
706C86

Protanopia
696E87

Deuteranopia
6E6D86



Tritanopia
6D6F77

Trichromacy



Original Color

706C86

Protanomaly

6C6D87

Deuteranomaly

6F6D86

Tritanomaly

6E6E7C

Monochromacy



Original Color

706C86

Achromatopsia

707070

Achromatomaly

706F78

CSS Examples

Text

The CSS property to change the color of the text to Hex 706C86 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 #706C86 looks like.

```
.text, #text, p{  
    color:#706C86  
}
```

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 #706C86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #706C86
}
```

Border

The CSS property to change the border of an element to Hex 706C86 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
#706C86 }
```

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

```
.border{ border-color:#706C86 }
```

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

Here you see how a box with a 4 pixel #706C86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #706C86; -webkit-box-shadow:4px 4px  
4px 4px #706C86; box-shadow:4px 4px 4px  
4px #706C86 }
```

Background

The CSS property to change the background color of an element to Hex 706C86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#706C86 }
```

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

```
.background{ background-color:#706C86 }
```

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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