

Converting Colors

Hex(706E91)

Have a look what the booklet for
Hex(706E91) contains.

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Color

Hex(706E91)

Conversions

Conversions Part 1

Format	Color
Hex	706E91
RGB	112, 110, 145
RGB Percent	44%, 43%, 57%
CMY	0.5608, 0.5686, 0.4314
CMYK	0.23, 0.24, 0.00, 0.43
HSL	243°, 14%, 50%
HSV	243°, 24%, 57%
XYZ	17.3689, 16.6409, 29.0846
YIQ	114.5880, -10.0430, 11.3090

Conversions

Conversions Part 2

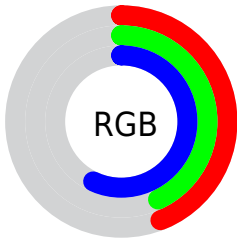
Format	Color
R_{YB}	112, 110, 145
Decimal	7368337
CIE Lab	47.80, 8.72, -18.80
CIE LCh	48, 20.720, 294.879
Yxy	16.6409, 0.2753, 0.2637
Android (android.graphics.Color)	4285558417 (0xFF706E91)
YUV	114.5880, 14.9931, -2.2697
Hunter-Lab	40.7933, 4.6129, -13.7170

Details

The Hex color **706E91** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8F916E**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **A4A2C7**, and **3F3F5E** is the 20% darker color. If you saturate the color by 10%, you get **626091**, and if you desaturate by 10%, it is **7E7D91**.

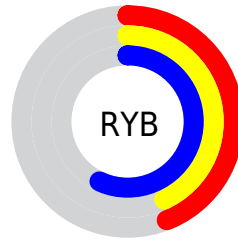
Distribution



Red (44%)

Green (43%)

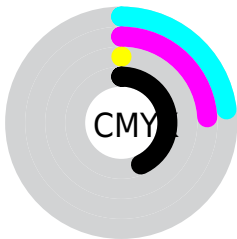
Blue (57%)



Red (44%)

Yellow (43%)

Blue (57%)

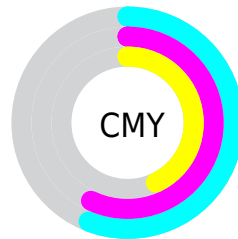


Cyan (23%)

Magenta (24%)

Yellow (0%)

Black (43%)



Cyan (56%)

Magenta (57%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 706E91 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 706E91 by changing the saturation by 10% instead.

■ 706E91

■ 706E91

FFFFFF

■ 575677

■ A4A2C7

■ 3F3F5E

■ C0BDE3

■ 282947

■ DCD8FF

■ 121530

■ F8F5FF

■ 00011B

■ 000000

■ 706E91

■ 706E91

■ 626091

■ 7E7D91

■ 555191

■ 8B8B91

■ 474391

■ 999A91

■ 393491

■ A7A891

■ 2C2691

■ B4B791

■ 1E1791

■ C2C591

■ 100991

■ D0D491

■ 080091

■ DDE291

■ EBF191

Harmonies

Analogous

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



577494



706E91



856886

Triad

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



706E91



8E6956



487B6E

Complementary

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



706E91



8F916E

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.



5B795D



706E91



816F4F

Square

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



706E91



956564



6F7551



3C7B7F

Rectangle

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



706E91



8F667B



6F7551



4D7B68

Sweetspot

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



706E91



B0AFBD



6E8F91



57575E



DEDEDE



5E5E5E

Same Dimension

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



706E91



8986BD



816E91



414047



080087



000008

Inverse Universe

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



916E8F



BD86BA



7E916E



474047



87007F



080007

Previews

White Background



This preview shows how the Hex color 706E91 looks on a white background.

Color Contrast Check

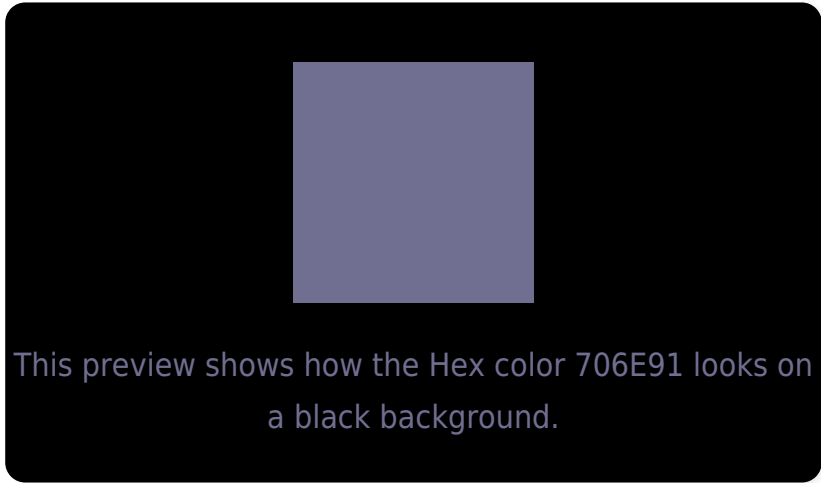
Large Text (above 18pt) WCAG AA ✓ Pass

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

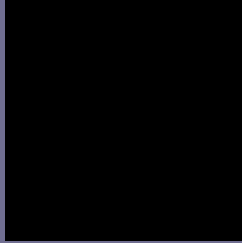
Any Text WCAG AA × Fail

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 706E91 Background



This preview shows how black text looks on a background with the Hex color 706E91.



This preview shows how white text looks on a background with the Hex color 706E91.

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
706E91

Protanopia
687093

Deuteranopia
6C6F91



Tritanopia
6C727B

Trichromacy



Original Color
706E91

Protanomaly
6B6F92

Deuteranomaly
6D6F91

Tritanomaly
6D7183

Monochromacy



Original Color
706E91

Achromatopsia
737373

Achromatomaly
72717E

CSS Examples

Text

The CSS property to change the color of the text to Hex 706E91 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 #706E91 looks like.

```
.text, #text, p{  
    color:#706E91  
}
```

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 #706E91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #706E91  
}
```

Border

The CSS property to change the border of an element to Hex 706E91 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  
#706E91 }
```

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

```
.border{ border-color:#706E91 }
```

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

Here you see how a box with a 4 pixel #706E91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #706E91; -webkit-box-shadow:4px 4px  
4px 4px #706E91; box-shadow:4px 4px 4px  
4px #706E91 }
```

Background

The CSS property to change the background color of an element to Hex 706E91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#706E91 }
```

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

```
.background{ background-color:#706E91 }
```

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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