

Converting Colors

Hex(726E9D)

Have a look what the booklet for
Hex(726E9D) contains.

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Color

Hex(726E9D)

Conversions

Conversions Part 1

Format	Color
Hex	726E9D
RGB	114, 110, 157
RGB Percent	45%, 43%, 62%
CMY	0.5529, 0.5686, 0.3843
CMYK	0.27, 0.30, 0.00, 0.38
HSL	245°, 19%, 52%
HSV	245°, 30%, 62%
XYZ	18.6012, 17.1636, 34.2308
YIQ	116.5540, -12.7030, 15.4650

Conversions

Conversions Part 2

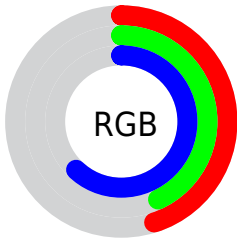
Format	Color
RYB	114, 110, 157
Decimal	7499421
CIELab	48.47, 12.42, -24.85
CIELCh	48, 27.779, 296.569
Yxy	17.1636, 0.2657, 0.2452
Android (android.graphics.Color)	4285689501 (0xFF726E9D)
YUV	116.5540, 19.9399, -2.2399
Hunter-Lab	41.4290, 7.6439, -19.9883

Details

The Hex color **726E9D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **999D6E**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A7A2D4**, and **403F69** is the 20% darker color. If you saturate the color by 10%, you get **645E9D**, and if you desaturate by 10%, it is **807E9D**.

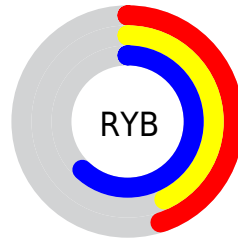
Distribution



Red (45%)

Green (43%)

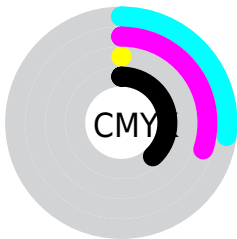
Blue (62%)



Red (45%)

Yellow (43%)

Blue (62%)

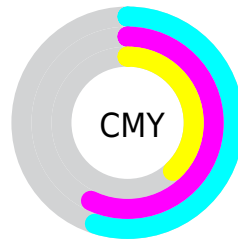


Cyan (27%)

Magenta (30%)

Yellow (0%)

Black (38%)



Cyan (55%)

Magenta (57%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 726E9D 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 726E9D by changing the saturation by 10% instead.

■ 726E9D

■ 726E9D

FFFFFF

■ 595683

■ A7A2D4

■ 403F69

■ C2BDF0

■ 292951

■ DED8FF

■ 11143A

■ FBF5FF

■ 000024

■ 00000C

■ 000000

■ 726E9D

■ 726E9D

■ 645E9D

■ 807E9D

■ 554F9D

■ 8F8D9D

■ 473F9D

■ 9D9D9D

■ 392F9D

■ ABAD9D

■ 2A209D

■ BABD9D

■ 1C109D

■ C8CC9D

■ 0D009D

■ D7DC9D

■ E5EC9D

■ F3FB9D

Harmonies

Analogous

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



4D76A2



726E9D



8E668D

Triad

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



726E9D



97694D



33806F

Complementary

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



726E9D



999D6E

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.



527D58



726E9D



857144

Square

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



726E9D



A1625F



6D7848



157F87

Rectangle

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



726E9D



9A627F



6D7848



3D7F67

Sweetspot

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



726E9D



BBBACC



6E999D



5C5B66



E6E6E6



666666

Same Dimension

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



726E9D



8983CC



896E9D



48474F



0C008F



01000F

Inverse Universe

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



9D6E99



CC83C6



829D6E



4F474E



8F0083



0F000E

Previews

White Background



This preview shows how the Hex color 726E9D looks on a white background.

Color Contrast Check

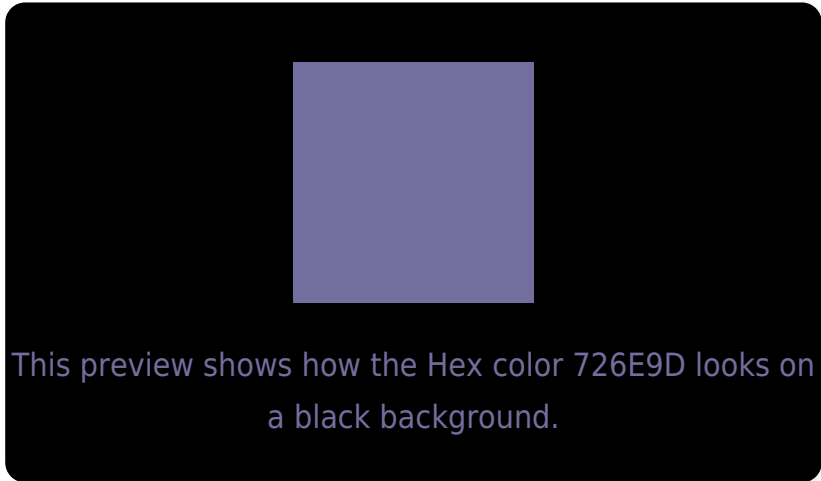
Large Text (above 18pt) WCAG AA ✓ Pass

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

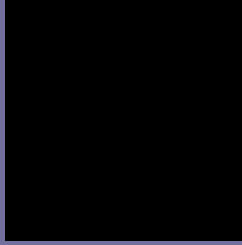
Any Text WCAG AA × Fail

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 726E9D Background



This preview shows how black text looks on a background with the Hex color 726E9D.



This preview shows how white text looks on a background with the Hex color 726E9D.

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
726E9D

Protanopia
6571A0

Deuteranopia
67719C



Tritanopia
6C747D

Trichromacy



Original Color
726E9D

Protanomaly
6A709F

Deuteranomaly
6B709C

Tritanomaly
6E7289

Monochromacy



Original Color
726E9D

Achromatopsia
757575

Achromatomaly
747284

CSS Examples

Text

The CSS property to change the color of the text to Hex 726E9D 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 #726E9D looks like.

```
.text, #text, p{  
    color:#726E9D  
}
```

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 #726E9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #726E9D
}
```

Border

The CSS property to change the border of an element to Hex 726E9D 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
#726E9D }
```

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

```
.border{ border-color:#726E9D }
```

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

Here you see how a box with a 4 pixel #726E9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #726E9D; -webkit-box-shadow:4px 4px  
4px 4px #726E9D; box-shadow:4px 4px 4px  
4px #726E9D }
```

Background

The CSS property to change the background color of an element to Hex 726E9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#726E9D }
```

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

```
.background{ background-color:#726E9D }
```

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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