

Converting Colors

Hex(766A96)

Have a look what the booklet for
Hex(766A96) contains.

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Color

Hex(766A96)

Conversions

Conversions Part 1

Format	Color
Hex	766A96
RGB	118, 106, 150
RGB Percent	46%, 42%, 59%
CMY	0.5373, 0.5843, 0.4118
CMYK	0.21, 0.29, 0.00, 0.41
HSL	256°, 17%, 50%
HSV	256°, 29%, 59%
XYZ	18.1303, 16.3616, 31.0567
YIQ	114.6040, -6.9720, 16.2280

Conversions

Conversions Part 2

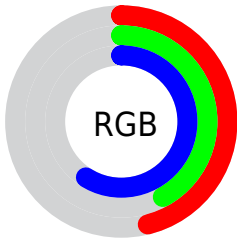
Format	Color
R_{YB}	118, 106, 150
Decimal	7760534
CIE _{Lab}	47.45, 14.35, -22.26
CIE _{LCh}	47, 26.488, 302.806
Yxy	16.3616, 0.2766, 0.2496
Android (android.graphics.Color)	4285950614 (0xFF766A96)
YUV	114.6040, 17.4502, 2.9783
Hunter-Lab	40.4495, 9.2206, -17.2076

Details

The Hex color **766A96** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8A966A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **AB9DCC**, and **453B63** is the 20% darker color. If you saturate the color by 10%, you get **6B5B96**, and if you desaturate by 10%, it is **817996**.

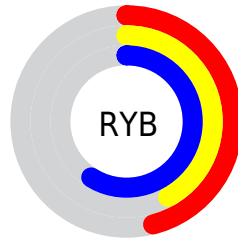
Distribution



Red (46%)

Green (42%)

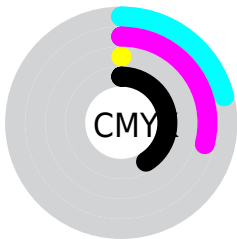
Blue (59%)



Red (46%)

Yellow (42%)

Blue (59%)

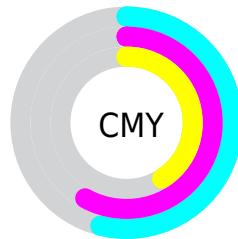


Cyan (21%)

Magenta (29%)

Yellow (0%)

Black (41%)



Cyan (54%)

Magenta (58%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 766A96 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 766A96 by changing the saturation by 10% instead.

■ 766A96

■ 766A96

FFFFFF

■ 5D527C

■ AB9DCC

■ 453B63

■ C6B8E9

■ 2D254B

■ E2D4FF

■ 171134

■ FFF0FF

■ 00001F

■ 000002

■ 000000

■ 766A96

■ 766A96

■ 6B5B96

■ 817996

604C96

8C8896

553D96

979796

4A2E96

A2A696

3F1F96

ADB596

351096

B7C496

2A0196

C2D396

290096

CDE296

D8F196

Harmonies

Analogous

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



54729D



766A96



8E6385

Triad

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



766A96



906849



2E7D72

Complementary

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



766A96



8A966A

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.



4B7B5B



766A96



7D7044

Square

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



766A96



9B6259



66764A



1A7C88

Rectangle

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



766A96



986077



66764A



387C6A

Sweetspot

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



766A96



B5B0C2



6A8A96



595661



E0E0E0



616161

Same Dimension

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



766A96



907EC2



8C6A96



45434A



26008A



03000A

Inverse Universe

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



966A8A



C27EAF



74966A



4A4348



8A0064



0A0007

Previews

White Background



This preview shows how the Hex color 766A96 looks on a white background.

Color Contrast Check

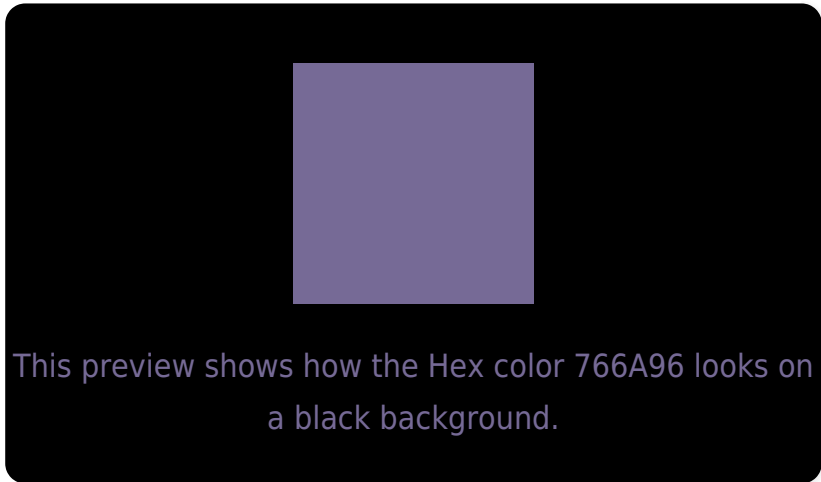
Large Text (above 18pt) WCAG AA ✓ Pass

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

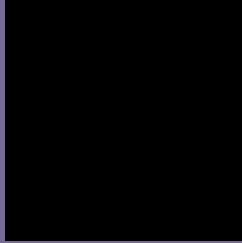
Any Text WCAG AA × Fail

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 766A96 Background



This preview shows how black text looks on a background with the Hex color 766A96.



This preview shows how white text looks on a background with the Hex color 766A96.

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





Tritanopia
717078

Trichromacy



Original Color
766A96

Protanomaly
6B6D99

Deuteranomaly
6D6D95

Tritanomaly
736E83

Monochromacy



Original Color
766A96

Achromatopsia
737373

Achromatomaly
747080

CSS Examples

Text

The CSS property to change the color of the text to Hex 766A96 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 #766A96 looks like.

```
.text, #text, p{  
    color:#766A96  
}
```

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 #766A96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766A96
}
```

Border

The CSS property to change the border of an element to Hex 766A96 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
#766A96 }
```

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

```
.border{ border-color:#766A96 }
```

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

Here you see how a box with a 4 pixel #766A96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766A96; -webkit-box-shadow:4px 4px  
4px 4px #766A96; box-shadow:4px 4px 4px  
4px #766A96 }
```

Background

The CSS property to change the background color of an element to Hex 766A96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766A96 }
```

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

```
.background{ background-color:#766A96 }
```

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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