

Converting Colors

Hex(696D90)

Have a look what the booklet for
Hex(696D90) contains.

Hex(696D90)	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(696D90)

Conversions

Conversions Part 1

Format	Color
Hex	696D90
RGB	105, 109, 144
RGB Percent	41%, 43%, 56%
CMY	0.5882, 0.5725, 0.4353
CMYK	0.27, 0.24, 0.00, 0.44
HSL	234°, 16%, 49%
HSV	234°, 27%, 56%
XYZ	16.3284, 15.9542, 28.6044
YIQ	111.7940, -13.6190, 10.0370

Conversions

Conversions Part 2

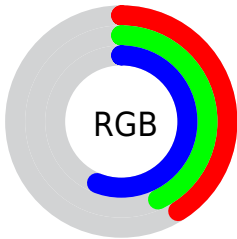
Format	Color
R_{YB}	105, 109, 144
Decimal	6909328
CIE Lab	46.91, 6.77, -19.62
CIE LCh	47, 20.754, 289.041
Yxy	15.9542, 0.2682, 0.2620
Android (android.graphics.Color)	4285099408 (0xFF696D90)
YUV	111.7940, 15.8776, -5.9583
Hunter-Lab	39.9426, 3.0704, -14.4999

Details

The Hex color **696D90** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **908C69**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **9DA0C6**, and **383E5D** is the 20% darker color. If you saturate the color by 10%, you get **5B6090**, and if you desaturate by 10%, it is **777A90**.

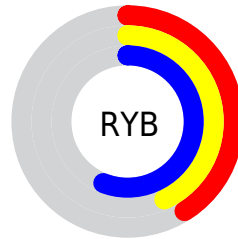
Distribution



Red (41%)

Green (43%)

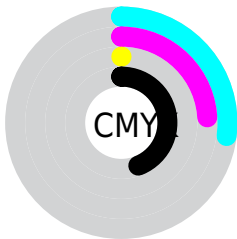
Blue (56%)



Red (41%)

Yellow (43%)

Blue (56%)

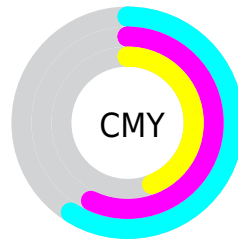


Cyan (27%)

Magenta (24%)

Yellow (0%)

Black (44%)



Cyan (59%)

Magenta (57%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 696D90 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 696D90 by changing the saturation by 10% instead.

■ 696D90

■ 696D90

FFFFFF

■ 505576

■ 9DA0C6

■ 383E5D

■ B8BBE2

■ 212846

■ D4D7FF

■ 0A142F

■ F0F3FF

■ 00011A

■ 000000

■ 696D90

■ 696D90

■ 5B6090

■ 777A90

■ 4C5390

■ 868790

■ 3E4690

■ 949490

■ 2F3990

■ A3A190

■ 212C90

■ B1AE90

■ 131F90

■ BFBB90

■ 041390

■ CEC790

■ 000F90

■ DCD490

■ EBE190

Harmonies

Analogous

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



507391



696D90



7F6786

Triad

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



696D90



8E6656



497868

Complementary

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



696D90



908C69

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.



5C7658



696D90



826C4D

Square

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



696D90



926365



70724E



3B797A

Rectangle

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



696D90



8A647C



70724E



4F7862

Sweetspot

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



696D90



ABADBA



69908B



55565E



DEDEDE



5E5E5E

Same Dimension

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



696D90



7D83BA



786990



404147



000E87



000108

Inverse Universe

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



90696D



BA7D83



819069



474041



87000E



080001

Previews

White Background



This preview shows how the Hex color 696D90 looks on a white background.

Color Contrast Check

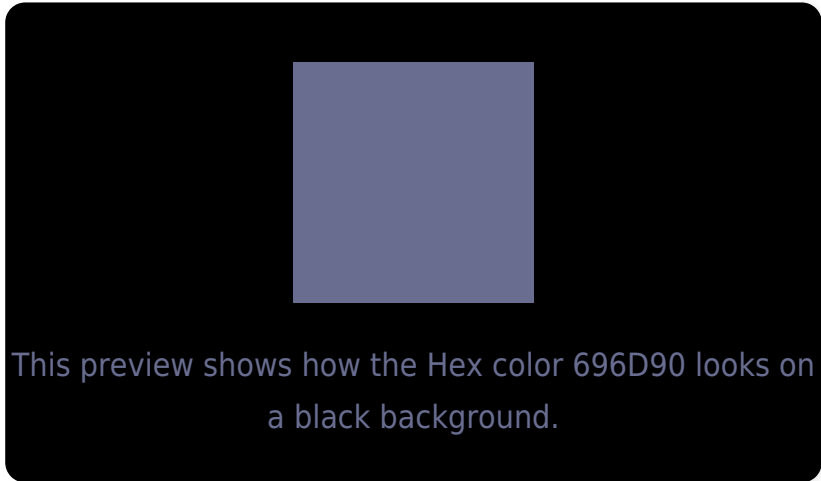
Large Text (above 18pt) WCAG AA ✓ Pass

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

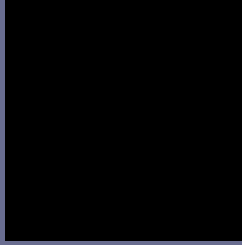
Any Text WCAG AA × Fail

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 696D90 Background



This preview shows how black text looks on a background with the Hex color 696D90.

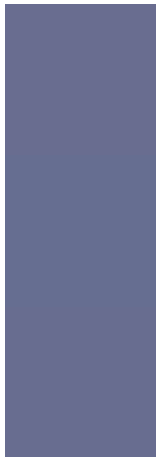


This preview shows how white text looks on a background with the Hex color 696D90.

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
696D90

Protanopia
666E91

Deuteranopia
686D90



Tritanopia
65717A

Trichromacy



Original Color
696D90

Protanomaly
676E91

Deuteranomaly
686D90

Tritanomaly
667082

Monochromacy



Original Color
696D90

Achromatopsia
707070

Achromatomaly
6D6F7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 696D90 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 #696D90 looks like.

```
.text, #text, p{  
    color:#696D90  
}
```

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 #696D90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #696D90
}
```

Border

The CSS property to change the border of an element to Hex 696D90 is called "border". The border property can be set on classes, ids or directly on the HTML element.

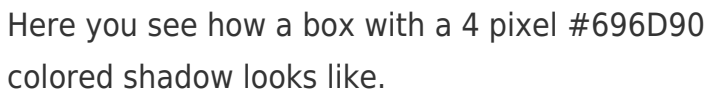
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#696D90 }
```

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

```
.border{ border-color:#696D90 }
```

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



Here you see how a box with a 4 pixel #696D90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #696D90; -webkit-box-shadow:4px 4px  
4px 4px #696D90; box-shadow:4px 4px 4px  
4px #696D90 }
```

Background

The CSS property to change the background color of an element to Hex 696D90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#696D90 }
```

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

```
.background{ background-color:#696D90 }
```

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