

# Converting Colors

Hex(696E96)

Have a look what the booklet for  
Hex(696E96) contains.

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# Color

**Hex(696E96)**

# Conversions

## Conversions Part 1

Format	Color
Hex	696E96
RGB	105, 110, 150
RGB Percent	41%, 43%, 59%
CMY	0.5882, 0.5686, 0.4118
CMYK	0.30, 0.27, 0.00, 0.41
HSL	233°, 18%, 50%
HSV	233°, 30%, 59%
XYZ	16.9066, 16.3571, 31.1203
YIQ	113.0650, -15.8200, 11.3800

# Conversions

## Conversions Part 2

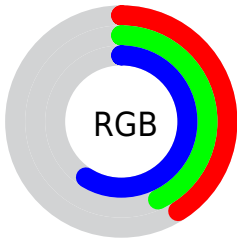
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 110, 150
Decimal	6909590
CIE Lab	47.44, 7.75, -22.36
CIE LCh	47, 23.668, 289.113
Yxy	16.3571, 0.2626, 0.2541
Android (android.graphics.Color)	4285099670 (0xFF696E96)
YUV	113.0650, 18.2090, -7.0730
Hunter-Lab	40.4439, 3.8409, -17.3110

# Details

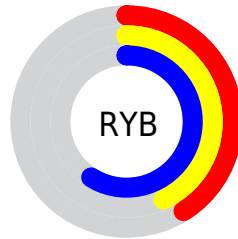
The Hex color **696E96** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **969169**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **9DA1CC**, and **383F63** is the 20% darker color. If you saturate the color by 10%, you get **5A6196**, and if you desaturate by 10%, it is **787B96**.

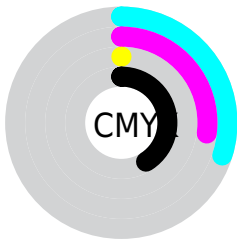
# Distribution



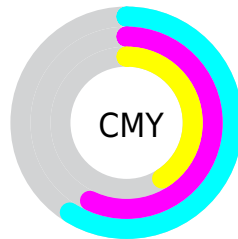
- Red (41%)
- Green (43%)
- Blue (59%)



- Red (41%)
- Yellow (43%)
- Blue (59%)



- Cyan (30%)
- Magenta (27%)
- Yellow (0%)
- Black (41%)



- Cyan (59%)
- Magenta (57%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 696E96 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 696E96 by changing the saturation by 10% instead.





696E96



696E96

FFFFFF



50567C



9DA1CC



383F63



B8BCE9



20294B



D4D8FF



071534



F1F5FF



00021F



000002



000000



696E96



696E96



5A6196



787B96

■ 4B5396

■ 878996

■ 3C4696

■ 969696

■ 2D3996

■ A5A396

■ 1E2B96

■ B4B196

■ 0F1E96

■ C3BE96

■ 001196

■ D2CB96

■ E1D996

■ F0E696

# Harmonies

## Analogous

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



4B7597



696E96



83678B

# Triad

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



696E96



936653



437B68

# Complementary

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



696E96



969169

# 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.



5B7856



696E96



856D4A

# Square

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



696E96



986264



71734A



307B7D

# Rectangle

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



696E96



8F637F



71734A



4B7A62



# Sweetspot

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



696E96



B0B2C2



699691



565761



E0E0E0



616161



# Same Dimension

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



696E96



7C84C2



7A6996



43434A



000F8A



00010A



# Inverse Universe

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



96696E



C27C84



859669



4A4343



8A000F



0A0001



# Previews

## White Background



This preview shows how the Hex color 696E96 looks on a white background.

## Color Contrast Check

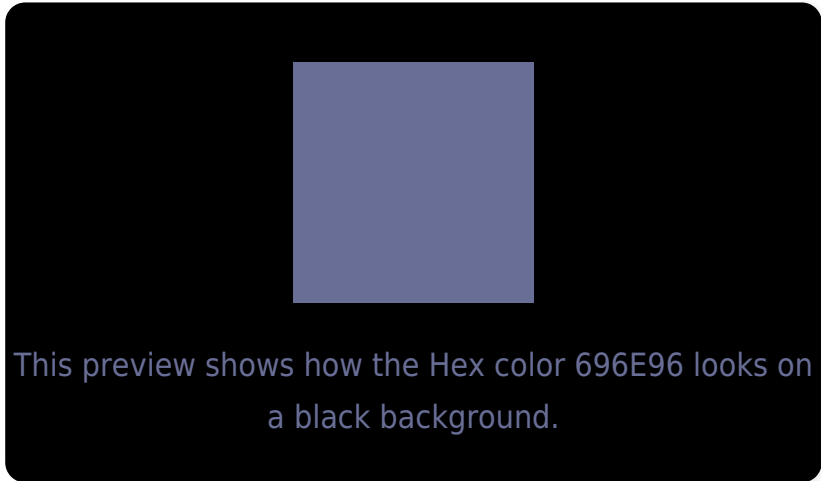
Large Text (above 18pt) WCAG AA ✓ Pass

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

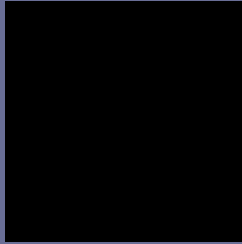
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 696E96 Background



This preview shows how black text looks on a background with the Hex color 696E96.



This preview shows how white text looks on a background with the Hex color 696E96.

# 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](#).

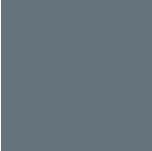
## Dichromacy



**Original Color**  
696E96

**Protanopia**  
656F97

**Deuteranopia**  
676F96



**Tritanopia**  
64737C

# Trichromacy



**Original Color**  
696E96

**Protanomaly**  
666F97

**Deuteranomaly**  
686F96

**Tritanomaly**  
667185

# Monochromacy



**Original Color**  
696E96

**Achromatopsia**  
717171

**Achromatomaly**  
6E707E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 696E96 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 #696E96 looks like.

```
.text, #text, p{  
    color:#696E96  
}
```

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 #696E96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #696E96
}
```

## Border

The CSS property to change the border of an element to Hex 696E96 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
#696E96 }
```

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

```
.border{ border-color:#696E96 }
```

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

Here you see how a box with a 4 pixel #696E96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #696E96; -webkit-box-shadow:4px 4px  
4px 4px #696E96; box-shadow:4px 4px 4px  
4px #696E96 }
```

# Background

The CSS property to change the background color of an element to Hex 696E96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#696E96 }
```

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

```
.background{ background-color:#696E96 }
```

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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