

# Converting Colors

Hex(64696F)

Have a look what the booklet for  
Hex(64696F) contains.

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# Color

**Hex(64696F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64696F
RGB	100, 105, 111
RGB Percent	39%, 41%, 44%
CMY	0.6078, 0.5882, 0.5647
CMYK	0.10, 0.05, 0.00, 0.56
HSL	213°, 5%, 41%
HSV	213°, 10%, 44%
XYZ	13.1763, 13.9602, 17.0390
YIQ	104.1890, -4.9060, 0.8060

# Conversions

## Conversions Part 2

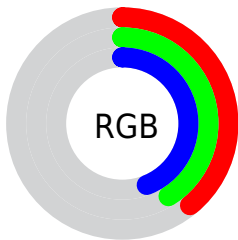
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 103, 111
Decimal	6580591
CIE Lab	44.18, -0.60, -4.03
CIE LCh	44, 4.070, 261.476
Yxy	13.9602, 0.2983, 0.3160
Android (android.graphics.Color)	4284770671 (0xFF64696F)
YUV	104.1890, 3.3578, -3.6738
Hunter-Lab	37.3633, -2.4369, -0.8841

# Details

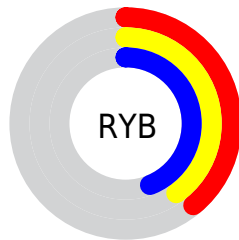
The Hex color **64696F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F6A64**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **979CA3**, and **353A3F** is the 20% darker color. If you saturate the color by 10%, you get **59636F**, and if you desaturate by 10%, it is **6F6F6F**.

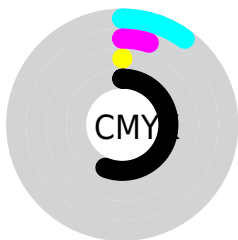
# Distribution



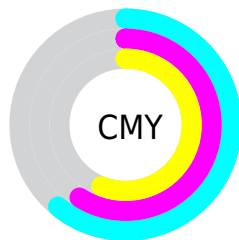
- Red (39%)
- Green (41%)
- Blue (44%)



- Red (39%)
- Yellow (40%)
- Blue (44%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (56%)



- Cyan (61%)
- Magenta (59%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64696F 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 64696F by changing the saturation by 10% instead.





64696F



64696F

FFFFFF



4C5157



979CA3



353A3F



B2B7BE



20242A



CDD3D9



090F15



E9EFF6



000000



64696F



64696F



59636F



6F6F6F



4E5D6F



7A756F



43576F



857B6F

■ 38516F

■ 90816F

■ 2D4B6F

■ 9B876F

■ 21456F

■ A78D6F

■ 163F6F

■ B2936F

■ 0B396F

■ BD996F

■ 00336F

■ C89F6F

# Harmonies

## Analogous

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



616A6E



64696F



68686F

# Triad

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



64696F



706666



656A64

# Complementary

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



64696F



6F6A64

# 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.



696962



64696F



6F6763

# Square

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



64696F



6F666A



6C6862



626A67

# Rectangle

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



64696F



6B676D



6C6862



666A63



# Sweetspot

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



64696F



8D8F91



646F6A



47484A



C9C9C9



4A4A4A



# Same Dimension

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



64696F



808891



64646F



323538



003678



0070F7



# Inverse Universe

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



6F6469



918088



6F6F64



383235



780036



F70070



# Previews

## White Background



This preview shows how the Hex color 64696F looks on a white background.

## Color Contrast Check

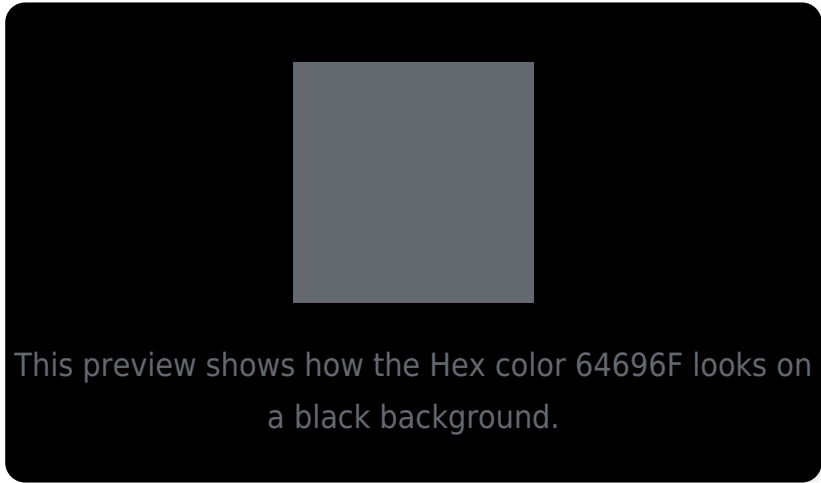
Large Text (above 18pt) WCAG AA ✓ Pass

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

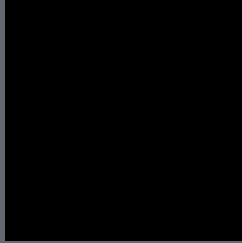
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

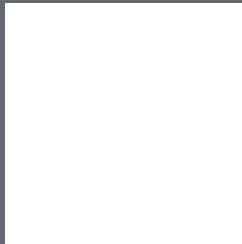
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 64696F Background



This preview shows how black text looks on a background with the Hex color 64696F.



This preview shows how white text looks on a background with the Hex color 64696F.

# 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**  
64696F

**Protanopia**  
68686E

**Deuteranopia**  
6F6570



**Tritanopia**  
646971

# Trichromacy



**Original Color**

64696F

**Protanomaly**

67686E

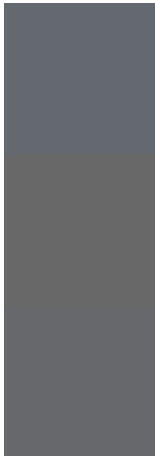
**Deuteranomaly**

6B6670

**Tritanomaly**

646970

# Monochromacy



**Original Color**

64696F

**Achromatopsia**

686868

**Achromatomaly**

67686B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64696F 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 #64696F looks like.

```
.text, #text, p{  
    color:#64696F  
}
```

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 #64696F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64696F
}
```

## Border

The CSS property to change the border of an element to Hex 64696F is called "border". The border property can be set on classes, ids or directly on the HTML element.

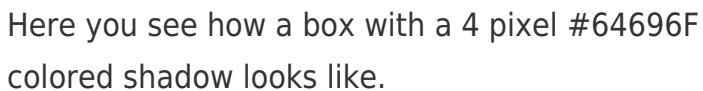
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64696F }
```

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

```
.border{ border-color:#64696F }
```

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



Here you see how a box with a 4 pixel #64696F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64696F; -webkit-box-shadow:4px 4px  
4px 4px #64696F; box-shadow:4px 4px 4px  
4px #64696F }
```

# Background

The CSS property to change the background color of an element to Hex 64696F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64696F }
```

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

```
.background{ background-color:#64696F }
```

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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