

# Converting Colors

Hex(64676F)

Have a look what the booklet for  
Hex(64676F) contains.

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# Color

**Hex(64676F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	64676F
RGB	100, 103, 111
RGB Percent	39%, 40%, 44%
CMY	0.6078, 0.5961, 0.5647
CMYK	0.10, 0.07, 0.00, 0.56
HSL	224°, 5%, 41%
HSV	224°, 10%, 44%
XYZ	12.9750, 13.5575, 16.9719
YIQ	103.0150, -4.3560, 1.8520

# Conversions

## Conversions Part 2

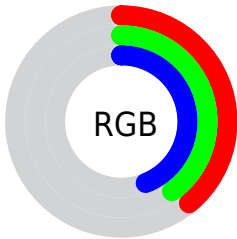
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 102, 111
Decimal	6580079
CIE Lab	43.59, 0.59, -4.89
CIE LCh	44, 4.926, 276.879
Yxy	13.5575, 0.2982, 0.3116
Android (android.graphics.Color)	4284770159 (0xFF64676F)
YUV	103.0150, 3.9366, -2.6442
Hunter-Lab	36.8205, -1.5351, -1.5546

# Details

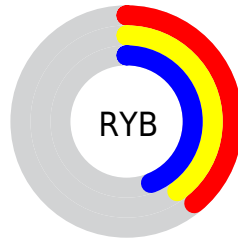
The Hex color **64676F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F6C64**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **979AA3**, and **35383F** is the 20% darker color. If you saturate the color by 10%, you get **595F6F**, and if you desaturate by 10%, it is **6F6F6F**.

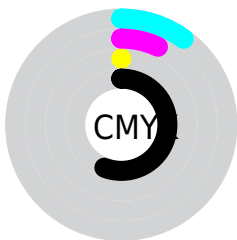
# Distribution



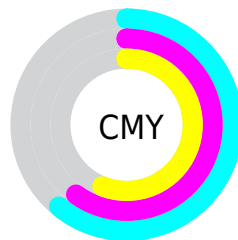
- Red (39%)
- Green (40%)
- Blue (44%)



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



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (56%)



- Cyan (61%)
- Magenta (60%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64676F 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 64676F by changing the saturation by 10% instead.





64676F



64676F

FFFFFF



4C4F57



979AA3



35383F



B2B5BE



202329



CDD0D9



090D15



E9EDF6



000000



64676F



64676F



595F6F



6F6F6F



4E576F



7A776F



434F6F



857F6F

■ 38476F

■ 90876F

■ 2D3F6F

■ 9B8F6F

■ 21376F

■ A7976F

■ 162E6F

■ B2A06F

■ 0B266F

■ BDA86F

■ 001E6F

■ C8B06F

# Harmonies

## Analogous

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



60686E



64676F



69666E

# Triad

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



64676F



706562



606964

# Complementary

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



64676F



6F6C64

# 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.



656860



64676F



6D6660

# Square

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



64676F



706466



6A675F



5E6968

# Rectangle

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



64676F



6C656C



6A675F



626962



# Sweetspot

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



64676F



8D8E91



646F6C



47484A



C9C9C9



4A4A4A



# Same Dimension

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



64676F



808591



66646F



323438



002178



0043F7



# Inverse Universe

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



6F6467



918085



6D6F64



383234



780021



F70043



# Previews

## White Background



This preview shows how the Hex color 64676F looks on a white background.

## Color Contrast Check

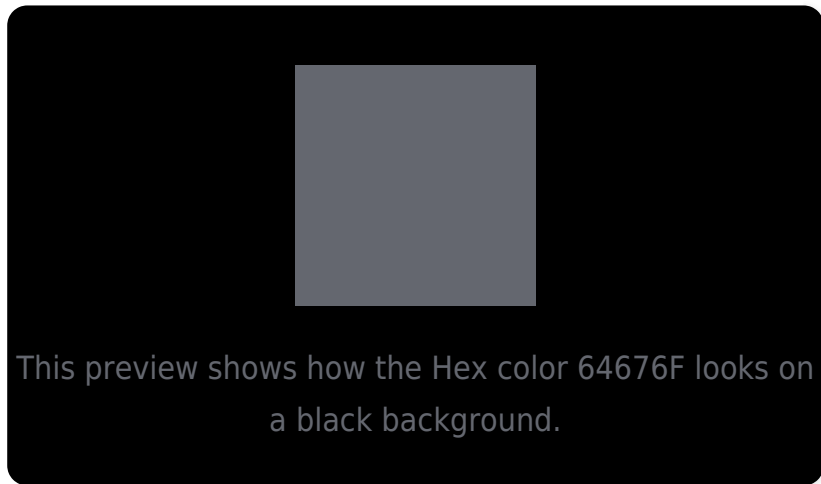
Large Text (above 18pt) WCAG AA ✓ Pass

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

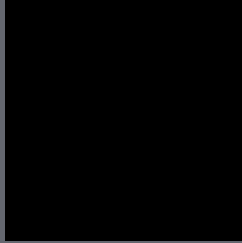
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

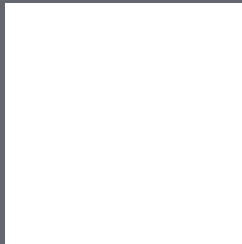
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 64676F Background



This preview shows how black text looks on a background with the Hex color 64676F.



This preview shows how white text looks on a background with the Hex color 64676F.

# 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**  
64676F

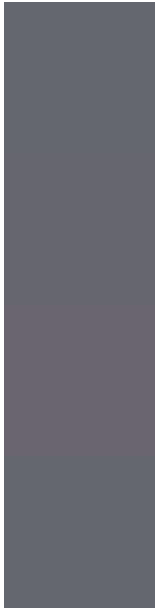
**Protanopia**  
67666F

**Deuteranopia**  
6D6470



**Tritanopia**  
64676F

# Trichromacy



**Original Color**

64676F

**Protanomaly**

66666F

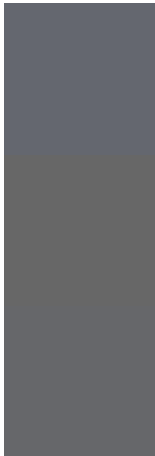
**Deuteranomaly**

6A6570

**Tritanomaly**

64676F

# Monochromacy



**Original Color**

64676F

**Achromatopsia**

676767

**Achromatomaly**

66676A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64676F 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 #64676F looks like.

```
.text, #text, p{  
    color:#64676F  
}
```

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 #64676F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64676F
}
```

## Border

The CSS property to change the border of an element to Hex 64676F is called "border". The border property can be set on classes, ids or directly on the HTML element.

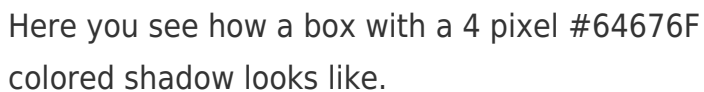
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64676F }
```

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

```
.border{ border-color:#64676F }
```

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



Here you see how a box with a 4 pixel #64676F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64676F; -webkit-box-shadow:4px 4px  
4px 4px #64676F; box-shadow:4px 4px 4px  
4px #64676F }
```

# Background

The CSS property to change the background color of an element to Hex 64676F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64676F }
```

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

```
.background{ background-color:#64676F }
```

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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