

# Converting Colors

Hex(4A676F)

Have a look what the booklet for  
Hex(4A676F) contains.

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# Color

**Hex(4A676F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A676F
RGB	74, 103, 111
RGB Percent	29%, 40%, 44%
CMY	0.7098, 0.5961, 0.5647
CMYK	0.33, 0.07, 0.00, 0.56
HSL	193°, 20%, 36%
HSV	193°, 33%, 44%
XYZ	10.5435, 12.3040, 16.8581
YIQ	95.2410, -19.8520, -3.6600

# Conversions

## Conversions Part 2

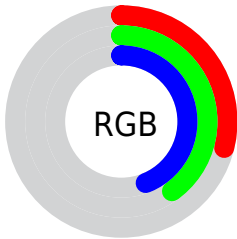
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 90, 111
Decimal	4876143
CIE Lab	41.70, -8.44, -7.92
CIE LCh	42, 11.576, 223.168
Yxy	12.3040, 0.2655, 0.3099
Android (android.graphics.Color)	4283066223 (0xFF4A676F)
YUV	95.2410, 7.7692, -18.6284
Hunter-Lab	35.0771, -7.7312, -3.9409

# Details

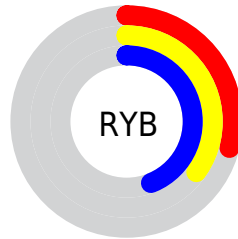
The Hex color **4A676F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6F524A**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7C9AA3**, and **1B383F** is the 20% darker color. If you saturate the color by 10%, you get **3F656F**, and if you desaturate by 10%, it is **55696F**.

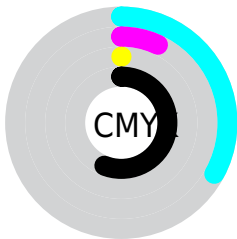
# Distribution



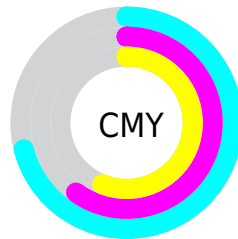
- Red (29%)
- Green (40%)
- Blue (44%)



- Red (29%)
- Yellow (35%)
- Blue (44%)



- Cyan (33%)
- Magenta (7%)
- Yellow (0%)
- Black (56%)



- Cyan (71%)
- Magenta (60%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A676F 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 4A676F by changing the saturation by 10% instead.



■ 4A676F

■ 4A676F

FFFFFF

■ 324F57

■ 7C9AA3

■ 1B383F

■ 96B5BE

■ 032329

■ B1D0D9

■ 000C15

■ CEDEF6

■ 000000

■ E9FFFF

■ 4A676F

■ 4A676F

■ 3F656F

■ 55696F

■ 34626F

■ 606C6F

■ 29606F

■ 6B6E6F

■ 1E5D6F

■ 76716F

■ 135B6F

■ 82736F

■ 07596F

■ 8D756F

■ 00576F

■ 98786F

■ A37A6F

■ AE7D6F

# Harmonies

## Analogous

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



4A6866



4A676F



516574

# Triad

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



4A676F



725C68



656350

# Complementary

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



4A676F



6F524A

# 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.



6F6050



4A676F



765C5E

# Square

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



4A676F



695F70



755D56



5B6654

# Rectangle

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



4A676F



596375



755D56



69624F



# Sweetspot

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



4A676F



838E91



4A6F51



41484A



C9C9C9



4A4A4A



# Same Dimension

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



4A676F



578591



4A556F



323738



005E78



00C2F7



# Inverse Universe

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



6F4A67



915785



6F644A



383237



78005E



F700C2



# Previews

## White Background



This preview shows how the Hex color 4A676F looks on a white background.

## Color Contrast Check

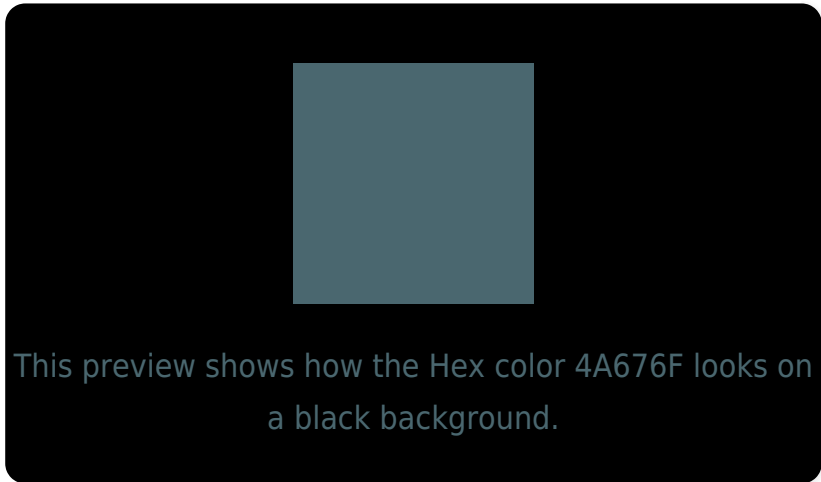
Large Text (above 18pt) WCAG AA ✓ Pass

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

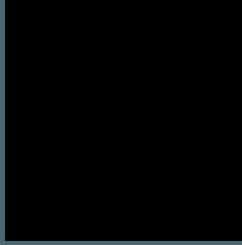
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4A676F Background



This preview shows how black text looks on a background with the Hex color 4A676F.

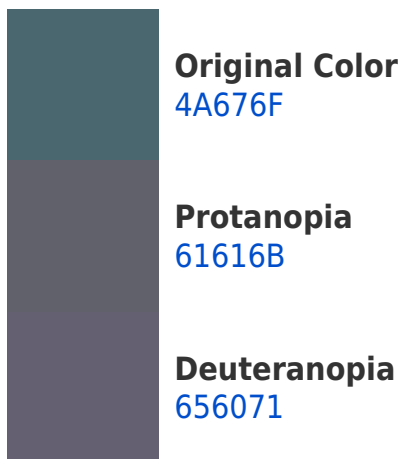



This preview shows how white text looks on a background with the Hex color 4A676F.

# 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](#).

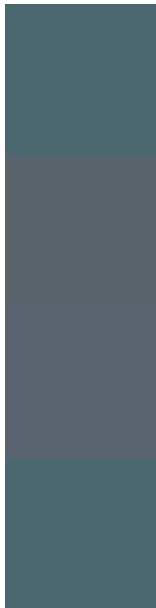
## Dichromacy





**Tritanopia**  
4A676F

# Trichromacy



**Original Color**  
4A676F

**Protanomaly**  
59636C

**Deuteranomaly**  
5B6370

**Tritanomaly**  
4A676F

# Monochromacy



**Original Color**  
4A676F

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
576265

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A676F 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 #4A676F looks like.

```
.text, #text, p{  
    color:#4A676F  
}
```

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 #4A676F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A676F
}
```

## Border

The CSS property to change the border of an element to Hex 4A676F 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
#4A676F }
```

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

```
.border{ border-color:#4A676F }
```

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

Here you see how a box with a 4 pixel #4A676F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A676F; -webkit-box-shadow:4px 4px  
4px 4px #4A676F; box-shadow:4px 4px 4px  
4px #4A676F }
```

# Background

The CSS property to change the background color of an element to Hex 4A676F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A676F }
```

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

```
.background{ background-color:#4A676F }
```

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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