

# Converting Colors

Hex(4A596F)

Have a look what the booklet for  
Hex(4A596F) contains.

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# Color

Hex(4A596F)

# Conversions

## Conversions Part 1

Format	Color
Hex	4A596F
RGB	74, 89, 111
RGB Percent	29%, 35%, 44%
CMY	0.7098, 0.6510, 0.5647
CMYK	0.33, 0.20, 0.00, 0.56
HSL	216°, 20%, 36%
HSV	216°, 33%, 44%
XYZ	9.2657, 9.7483, 16.4322
YIQ	87.0230, -16.0020, 3.6620

# Conversions

## Conversions Part 2

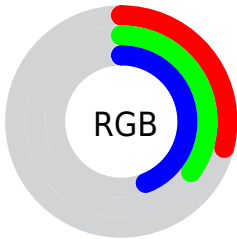
Format	Color
<b>R<sub>YB</sub></b>	74, 85, 111
Decimal	4872559
CIE Lab	37.39, 0.00, -14.44
CIE LCh	37, 14.435, 270.006
Yxy	9.7483, 0.2614, 0.2750
Android (android.graphics.Color)	4283062639 (0xFF4A596F)
YUV	87.0230, 11.8207, -11.4212
Hunter-Lab	31.2223, -1.6665, -9.3486

# Details

The Hex color **4A596F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F604A**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7C8BA3**, and **1C2C3F** is the 20% darker color. If you saturate the color by 10%, you get **3F526F**, and if you desaturate by 10%, it is **55606F**.

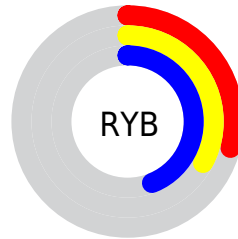
# Distribution



 Red (29%)

 Green (35%)

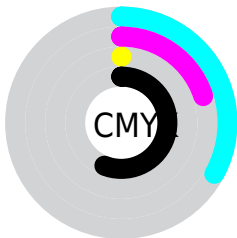
 Blue (44%)



 Red (29%)

 Yellow (33%)

 Blue (44%)

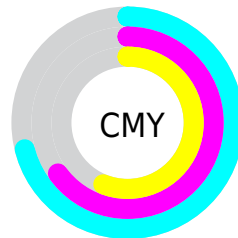


 Cyan (33%)

 Magenta (20%)

 Yellow (0%)

 Black (56%)



 Cyan (71%)

 Magenta (65%)

 Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A596F 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 4A596F by changing the saturation by 10% instead.



■ 4A596F

■ 4A596F

FFFFFF

■ 334257

■ 7C8BA3

■ 1C2C3F

■ 96A5BE

■ 051729

■ B1C0DA

■ 000115

■ CCDCF6

■ 000000

■ E9F9FF

■ 4A596F

■ 4A596F

■ 3F526F

■ 55606F

■ 344C6F

■ 60666F

■ 29456F

■ 6B6D6F

■ 1E3F6F

■ 76736F

■ 13386F

■ 827A6F

■ 07316F

■ 8D816F

■ 002D6F

■ 98876F

■ A38E6F

■ AE946F

# Harmonies

## Analogous

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



3C5C6C



4A596F



5A556C

# Triad

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



4A596F



70504D



475D4C

# Complementary

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



4A596F



6F604A

# 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.



545B44



4A596F



6A5344

# Square

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



4A596F



6F5058



615741



3B5F58

# Rectangle

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



4A596F



635267



615741



4B5D49



# Sweetspot

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



4A596F



838991



4A6F60



41454A



C9C9C9



4A4A4A



# Same Dimension

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



4A596F



576F91



4D4A6F



323538



003178



0064F7



# Inverse Universe

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



6F4A59



91576F



6C6F4A



383235



780031

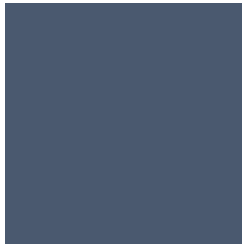


F70064



# Previews

## White Background



This preview shows how the Hex color 4A596F looks on a white background.

## Color Contrast Check

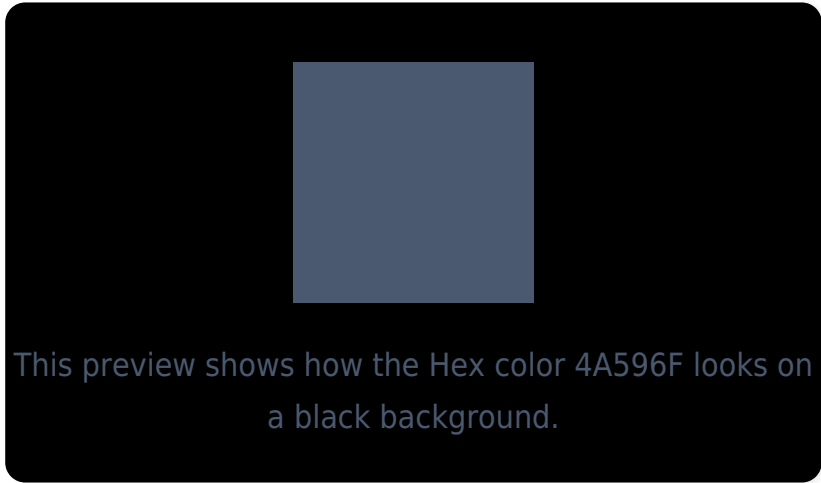
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

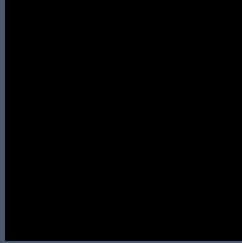
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

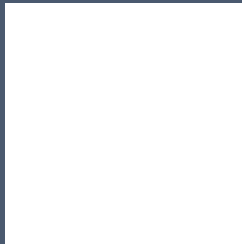
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4A596F Background



This preview shows how black text looks on a background with the Hex color 4A596F.

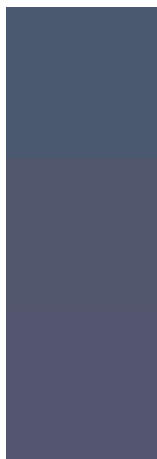


This preview shows how white text looks on a background with the Hex color 4A596F.

# 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**

4A596F

**Protanopia**

52576E

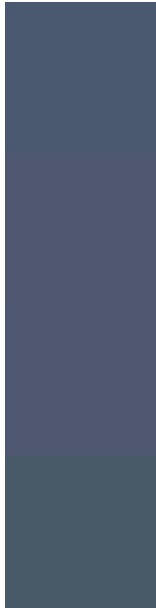
**Deuteranopia**

545670



**Tritanopia**  
475B63

# Trichromacy



**Original Color**  
4A596F

**Protanomaly**  
4F586E

**Deuteranomaly**  
505770

**Tritanomaly**  
485A67

# Monochromacy



**Original Color**  
4A596F

**Achromatopsia**  
575757

**Achromatomaly**  
525860

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A596F 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 #4A596F looks like.

```
.text, #text, p{  
    color:#4A596F  
}
```

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 #4A596F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A596F
}
```

## Border

The CSS property to change the border of an element to Hex 4A596F is called "border". The border property can be set on classes, ids or directly on the HTML element.

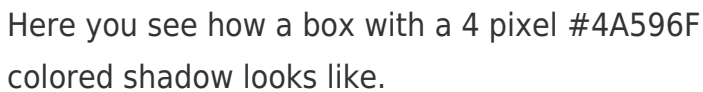
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A596F }
```

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

```
.border{ border-color:#4A596F }
```

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



Here you see how a box with a 4 pixel #4A596F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A596F; -webkit-box-shadow:4px 4px  
4px 4px #4A596F; box-shadow:4px 4px 4px  
4px #4A596F }
```

# Background

The CSS property to change the background color of an element to Hex 4A596F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A596F }
```

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

```
.background{ background-color:#4A596F }
```

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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