

# Converting Colors

Hex(4F536E)

Have a look what the booklet for  
Hex(4F536E) contains.

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# Color

**Hex(4F536E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F536E
RGB	79, 83, 110
RGB Percent	31%, 33%, 43%
CMY	0.6902, 0.6745, 0.5686
CMYK	0.28, 0.25, 0.00, 0.57
HSL	232°, 16%, 37%
HSV	232°, 28%, 43%
XYZ	9.1322, 8.9746, 16.0028
YIQ	84.8820, -11.0510, 7.5490

# Conversions

## Conversions Part 2

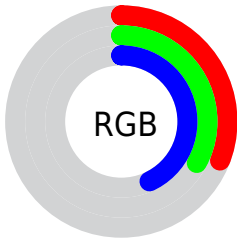
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	<b>79, 83, 110</b>
Decimal	5198702
CIE Lab	35.94, 5.15, -16.00
CIE LCh	36, 16.810, 287.833
Yxy	8.9746, 0.2677, 0.2631
Android (android.graphics.Color)	4283388782 (0xFF4F536E)
YUV	84.8820, 12.3832, -5.1585
Hunter-Lab	29.9576, 1.9876, -10.7013

# Details

The Hex color **4F536E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6E6A4F**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **8184A2**, and **21263E** is the 20% darker color. If you saturate the color by 10%, you get **44496E**, and if you desaturate by 10%, it is **5A5D6E**.

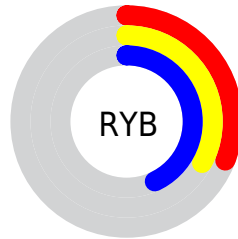
# Distribution



Red (31%)

Green (33%)

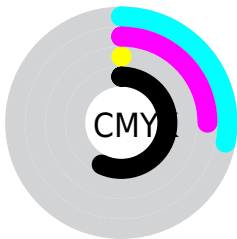
Blue (43%)



Red (31%)

Yellow (33%)

Blue (43%)

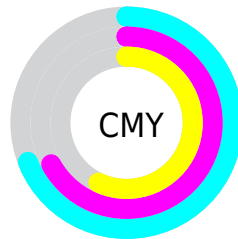


Cyan (28%)

Magenta (25%)

Yellow (0%)

Black (57%)



Cyan (69%)

Magenta (67%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F536E 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 4F536E by changing the saturation by 10% instead.





4F536E



4F536E

FFFFFF



383C56



8184A2



21263E



9B9EBD



0C1228



B6B9D9



000113



D2D5F5



000000



EEF1FF



4F536E



4F536E



44496E



5A5D6E



39406E



65666E

■ 2E366E

■ 70706E

■ 232D6E

■ 7B796E

■ 18236E

■ 86836E

■ 0D1A6E

■ 918C6E

■ 02106E

■ 9C966E

■ 000E6E

■ A7A06E

■ B2A96E

# Harmonies

## Analogous

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



3C576F



4F536E



604E67

# Triad

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



4F536E



6C4D41



375C4E

# Complementary

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



4F536E



6E6A4F

# 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.



475A42



4F536E



63523A

# Square

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



4F536E



704B4D



56563B



2C5C5C

# Rectangle

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



4F536E



694C5F



56563B



3C5B4A



# Sweetspot

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



4F536E



83858F



4F6E6A



404147



C7C7C7



474747



# Same Dimension

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



4F536E



5E658F



5A4F6E



323338



000F78



0020F7



# Inverse Universe

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



6E4F53



8F5E65



636E4F



383233



78000F



F70020



# Previews

## White Background



This preview shows how the Hex color 4F536E looks on a white background.

## Color Contrast Check

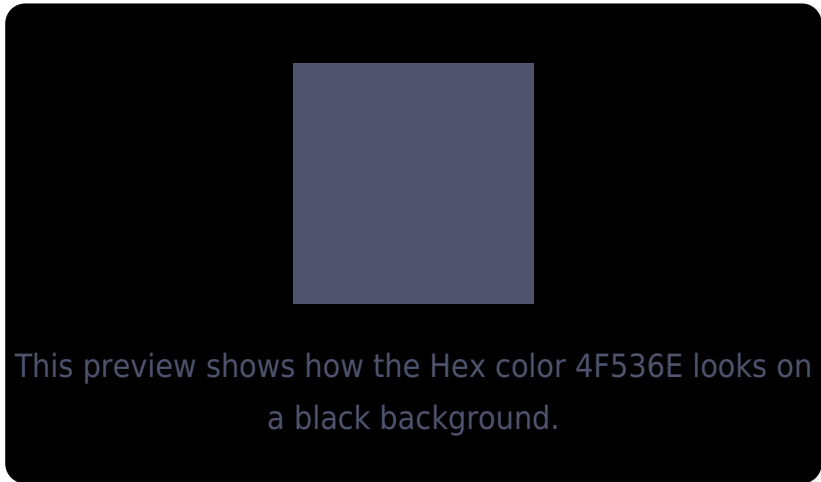
Large Text (above 18pt) WCAG AA ✓ Pass

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

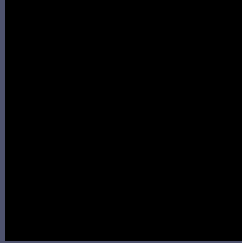
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F536E Background



This preview shows how black text looks on a background with the Hex color 4F536E.

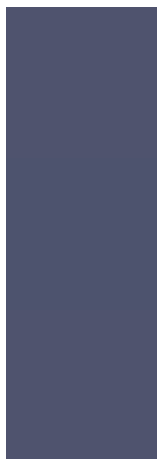


This preview shows how white text looks on a background with the Hex color 4F536E.

# 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**  
4F536E

**Protanopia**  
4D536E

**Deuteranopia**  
4F536E



**Tritanopia**  
4B565D

# Trichromacy



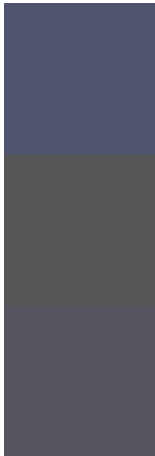
**Original Color**  
4F536E

**Protanomaly**  
4E536E

**Deuteranomaly**  
4F536E

**Tritanomaly**  
4C5563

# Monochromacy



**Original Color**  
4F536E

**Achromatopsia**  
555555

**Achromatomaly**  
53545E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F536E 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 #4F536E looks like.

```
.text, #text, p{  
    color:#4F536E  
}
```

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 #4F536E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F536E
}
```

## Border

The CSS property to change the border of an element to Hex 4F536E is called "border". The border property can be set on classes, ids or directly on the HTML element.

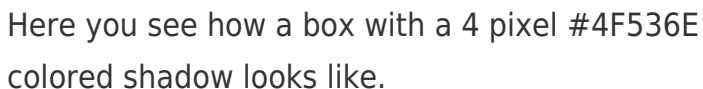
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F536E }
```

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

```
.border{ border-color:#4F536E }
```

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



Here you see how a box with a 4 pixel #4F536E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F536E; -webkit-box-shadow:4px 4px  
4px 4px #4F536E; box-shadow:4px 4px 4px  
4px #4F536E }
```

# Background

The CSS property to change the background color of an element to Hex 4F536E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F536E }
```

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

```
.background{ background-color:#4F536E }
```

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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