

# Converting Colors

Hex(4F526E)

Have a look what the booklet for  
Hex(4F526E) contains.

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# Color

**Hex(4F526E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F526E
RGB	79, 82, 110
RGB Percent	31%, 32%, 43%
CMY	0.6902, 0.6784, 0.5686
CMYK	0.28, 0.25, 0.00, 0.57
HSL	234°, 16%, 37%
HSV	234°, 28%, 43%
XYZ	9.0562, 8.8226, 15.9775
YIQ	84.2950, -10.7760, 8.0720

# Conversions

## Conversions Part 2

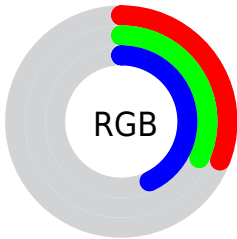
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 82, 110
Decimal	5198446
CIE Lab	35.64, 5.78, -16.45
CIE LCh	36, 17.441, 289.360
Yxy	8.8226, 0.2675, 0.2606
Android (android.graphics.Color)	4283388526 (0xFF4F526E)
YUV	84.2950, 12.6726, -4.6437
Hunter-Lab	29.7029, 2.4433, -11.1006

# Details

The Hex color **4F526E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6E6B4F**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **8183A2**, and **21253E** is the 20% darker color. If you saturate the color by 10%, you get **44486E**, and if you desaturate by 10%, it is **5A5C6E**.

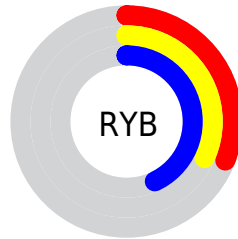
# Distribution



Red (31%)

Green (32%)

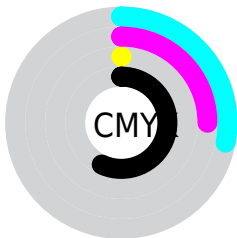
Blue (43%)



Red (31%)

Yellow (32%)

Blue (43%)

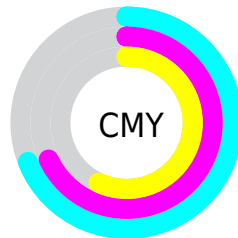


Cyan (28%)

Magenta (25%)

Yellow (0%)

Black (57%)



Cyan (69%)

Magenta (68%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F526E 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 4F526E by changing the saturation by 10% instead.





4F526E



4F526E

FFFFFF



383B56



8183A2



21253E



9B9DBD



0C1128



B6B8D9



000113



D2D4F5



000000



EEFOFF



4F526E



4F526E



44486E



5A5C6E



393E6E



65666E

■ 2E346E

■ 70706E

■ 232A6E

■ 7B7A6E

■ 18206E

■ 86846E

■ 0D166E

■ 918E6E

■ 020C6E

■ 9C986E

■ 000B6E

■ A7A16E

■ B2AB6E

# Harmonies

## Analogous

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



3B576F



4F526E



614D66

# Triad

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



4F526E



6C4D3F



355B4E

# Complementary

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



4F526E



6E6B4F

# 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.



455941



4F526E



625139

# Square

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



4F526E



704A4B



545639



295B5D

# Rectangle

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



4F526E



694B5E



545639



3A5B4A



# Sweetspot

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



4F526E



83848F



4F6E6B



404147



C7C7C7



474747



# Same Dimension

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



4F526E



5E638F



5B4F6E



323338



000C78



0018F7



# Inverse Universe

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



6E4F52



8F5E63



626E4F



383233



78000C



F70018



# Previews

## White Background



This preview shows how the Hex color 4F526E looks on a white background.

## Color Contrast Check

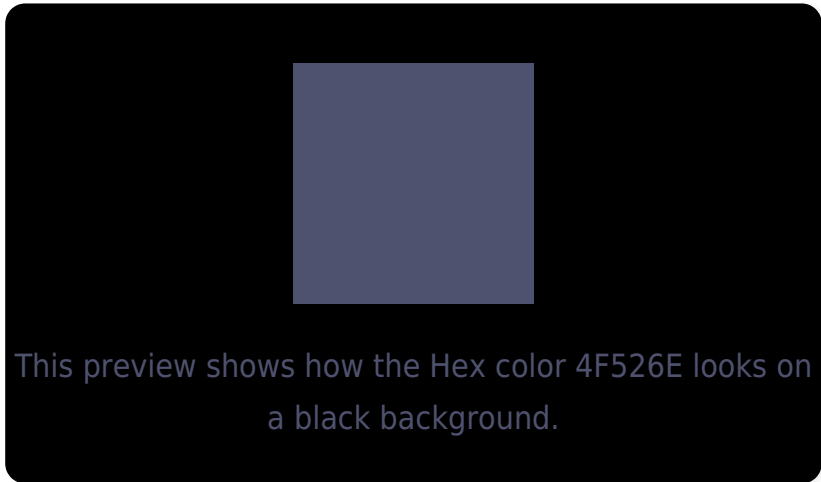
Large Text (above 18pt) WCAG AA ✓ Pass

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

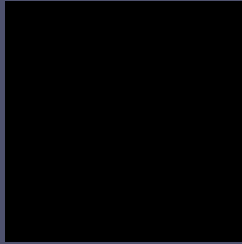
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F526E Background



This preview shows how black text looks on a background with the Hex color 4F526E.

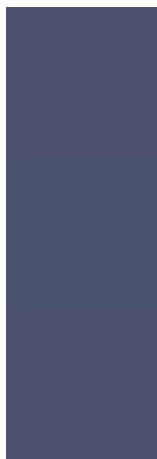


This preview shows how white text looks on a background with the Hex color 4F526E.

# 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**


4F526E

**Protanopia**

4C536F

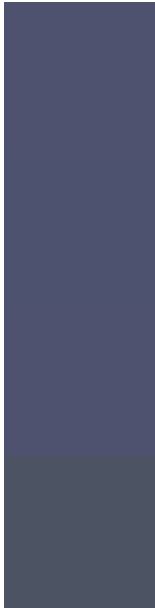
**Deuteranopia**

4E526E



**Tritanopia**  
4B555C

# Trichromacy



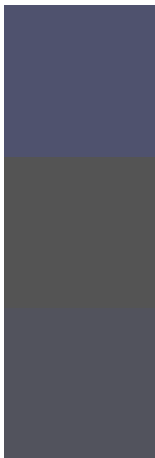
**Original Color**  
4F526E

**Protanomaly**  
4D536F

**Deuteranomaly**  
4E526E

**Tritanomaly**  
4C5463

# Monochromacy



**Original Color**  
4F526E

**Achromatopsia**  
545454

**Achromatomaly**  
52535D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F526E 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 #4F526E looks like.

```
.text, #text, p{  
    color:#4F526E  
}
```

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 #4F526E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F526E
}
```

## Border

The CSS property to change the border of an element to Hex 4F526E 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
#4F526E }
```

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

```
.border{ border-color:#4F526E }
```

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

Here you see how a box with a 4 pixel #4F526E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F526E; -webkit-box-shadow:4px 4px  
4px 4px #4F526E; box-shadow:4px 4px 4px  
4px #4F526E }
```

# Background

The CSS property to change the background color of an element to Hex 4F526E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F526E }
```

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

```
.background{ background-color:#4F526E }
```

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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