

# Converting Colors

Hex(4F4A66)

Have a look what the booklet for  
Hex(4F4A66) contains.

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# Color

**Hex(4F4A66)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F4A66
RGB	79, 74, 102
RGB Percent	31%, 29%, 40%
CMY	0.6902, 0.7098, 0.6000
CMYK	0.23, 0.27, 0.00, 0.60
HSL	251°, 16%, 35%
HSV	251°, 27%, 40%
XYZ	8.0715, 7.5191, 13.5963
YIQ	78.6870, -6.0080, 9.7680

# Conversions

## Conversions Part 2

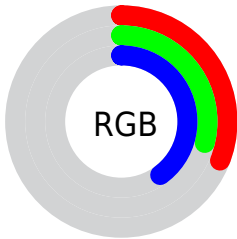
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 74, 102
Decimal	5196390
CIE Lab	32.96, 8.74, -15.55
CIE LCh	33, 17.837, 299.327
Yxy	7.5191, 0.2765, 0.2576
Android (android.graphics.Color)	4283386470 (0xFF4F4A66)
YUV	78.6870, 11.4933, 0.2745
Hunter-Lab	27.4210, 4.5554, -10.2033

# Details

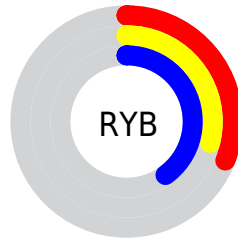
The Hex color **4F4A66** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **61664A**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **817B99**, and **221E37** is the 20% darker color. If you saturate the color by 10%, you get **474066**, and if you desaturate by 10%, it is **575466**.

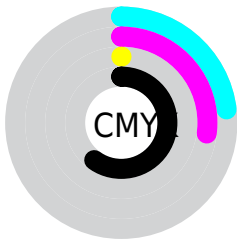
# Distribution



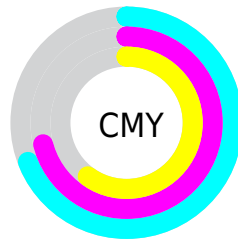
- Red (31%)
- Green (29%)
- Blue (40%)



- Red (31%)
- Yellow (29%)
- Blue (40%)



- Cyan (23%)
- Magenta (27%)
- Yellow (0%)
- Black (60%)



- Cyan (69%)
- Magenta (71%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F4A66 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 4F4A66 by changing the saturation by 10% instead.





4F4A66



4F4A66

FFFFFF



38334E



817B99



221E37



9B94B4



0E0622



B6AFCF



000008



D1CAEC



000000



EEE7FF



4F4A66



4F4A66



474066



575466



3E3666



605E66

■ 362B66

■ 686966

■ 2D2166

■ 717366

■ 251766

■ 797D66

■ 1D0D66

■ 818766

■ 140366

■ 8A9166

■ 120066

■ 929C66

■ 9AA666

# Harmonies

## Analogous

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



3A4F69



4F4A66



5F455C

# Triad

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



4F4A66



634836



28554D

# Complementary

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



4F4A66



61664A

# 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.



38543F



4F4A66



584D31

# Square

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



4F4A66



694440



495135



1F555B

# Rectangle

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



4F4A66



664353



495135



2D5548



# Sweetspot

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



4F4A66



7C7A85



4A6166



3D3C42



C2C2C2



424242



# Same Dimension

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



4F4A66



615985



5D4A66



2F2E33



140073



2B00F2



# Inverse Universe

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



664A61



85597D



53664A



332E32



73005E



F200C7



# Previews

## White Background



This preview shows how the Hex color 4F4A66 looks on a white background.

## Color Contrast Check

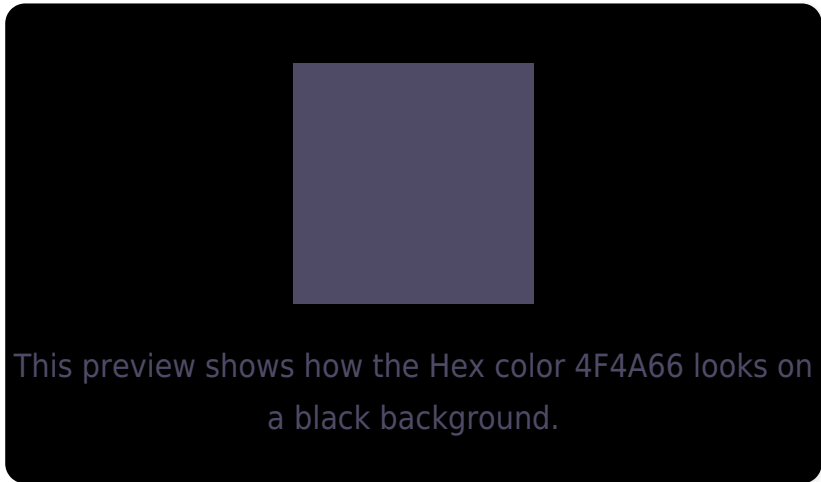
Large Text (above 18pt) WCAG AA ✓ Pass

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

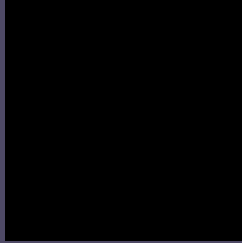
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F4A66 Background



This preview shows how black text looks on a background with the Hex color 4F4A66.

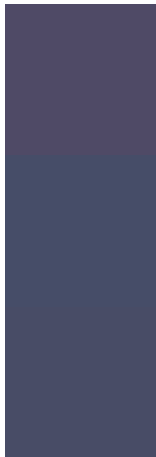


This preview shows how white text looks on a background with the Hex color 4F4A66.

# 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**  
4F4A66

**Protanopia**  
464D68

**Deuteranopia**  
484C66



**Tritanopia**  
4C4D54

# Trichromacy



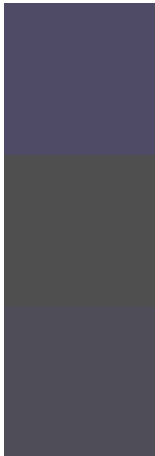
**Original Color**  
4F4A66

**Protanomaly**  
494C67

**Deuteranomaly**  
4B4B66

**Tritanomaly**  
4D4C5B

# Monochromacy



**Original Color**  
4F4A66

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
4F4D57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F4A66 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 #4F4A66 looks like.

```
.text, #text, p{  
    color:#4F4A66  
}
```

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 #4F4A66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F4A66  
}
```

## Border

The CSS property to change the border of an element to Hex 4F4A66 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  
#4F4A66 }
```

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

```
.border{ border-color:#4F4A66 }
```

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

Here you see how a box with a 4 pixel #4F4A66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F4A66; -webkit-box-shadow:4px 4px  
4px 4px #4F4A66; box-shadow:4px 4px 4px  
4px #4F4A66 }
```

# Background

The CSS property to change the background color of an element to Hex 4F4A66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F4A66 }
```

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

```
.background{ background-color:#4F4A66 }
```

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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