

# Converting Colors

Hex(4F5F78)

Have a look what the booklet for  
Hex(4F5F78) contains.

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# Color

**Hex(4F5F78)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F5F78
RGB	79, 95, 120
RGB Percent	31%, 37%, 47%
CMY	0.6902, 0.6275, 0.5294
CMYK	0.34, 0.21, 0.00, 0.53
HSL	217°, 21%, 39%
HSV	217°, 34%, 47%
XYZ	10.7068, 11.2027, 19.3673
YIQ	93.0660, -17.5610, 4.3830

# Conversions

## Conversions Part 2

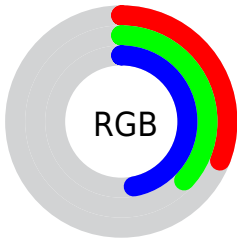
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	79, 91, 120
Decimal	5201784
CIE Lab	39.92, 0.44, -16.06
CIE LCh	40, 16.070, 271.583
Yxy	11.2027, 0.2594, 0.2714
Android (android.graphics.Color)	4283391864 (0xFF4F5F78)
YUV	93.0660, 13.2785, -12.3359
Hunter-Lab	33.4705, -1.4733, -10.8781

# Details

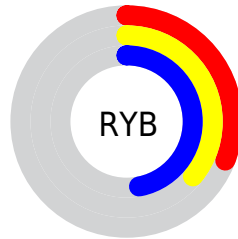
The Hex color **4F5F78** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **78684F**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **8191AC**, and **203147** is the 20% darker color. If you saturate the color by 10%, you get **435878**, and if you desaturate by 10%, it is **5B6678**.

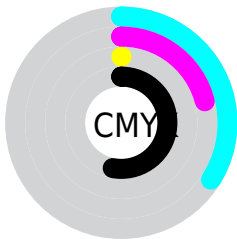
# Distribution



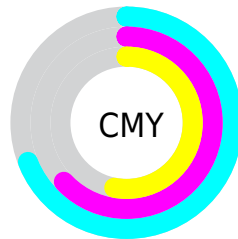
- Red (31%)
- Green (37%)
- Blue (47%)



- Red (31%)
- Yellow (36%)
- Blue (47%)



- Cyan (34%)
- Magenta (21%)
- Yellow (0%)
- Black (53%)



- Cyan (69%)
- Magenta (63%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F5F78 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 4F5F78 by changing the saturation by 10% instead.



■ 4F5F78

■ 4F5F78

FFFFFF

■ 37475F

■ 8191AC

■ 203147

■ 9CACCC8

■ 081C31

■ B7C7E4

■ 00011C

■ D3E3FF

■ 000000

■ EFFFFFF

■ 4F5F78

■ 4F5F78

■ 435878

■ 5B6678

■ 375078

■ 676E78

■ 2B4978

■ 737578

■ 1F4278

■ 7F7C78

■ 133A78

■ 8B8478

■ 073378

■ 978B78

■ 002F78

■ A39278

■ AF9A78

■ BBA178

# Harmonies

## Analogous

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



3F6375



4F5F78



615A74

# Triad

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



4F5F78



785651



4A6451

# Complementary

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



4F5F78



78684F

# 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.



596148



4F5F78



725947

# Square

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



4F5F78



78555E



675D44



3D655E

# Rectangle

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



4F5F78



6B586E



675D44



4F634D



# Sweetspot

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



4F5F78



8C929C



4F7868



46494F



CFCFCF



4F4F4F



# Same Dimension

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



4F5F78



5C759C



534F78



37393D



00317D



0063FC



# Inverse Universe

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



784F5F



9C5C75



74784F



3D3739



7D0031

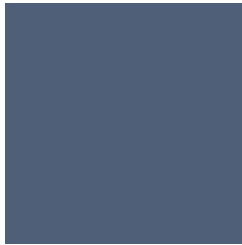


FC0063



# Previews

## White Background



This preview shows how the Hex color 4F5F78 looks on a white background.

## Color Contrast Check

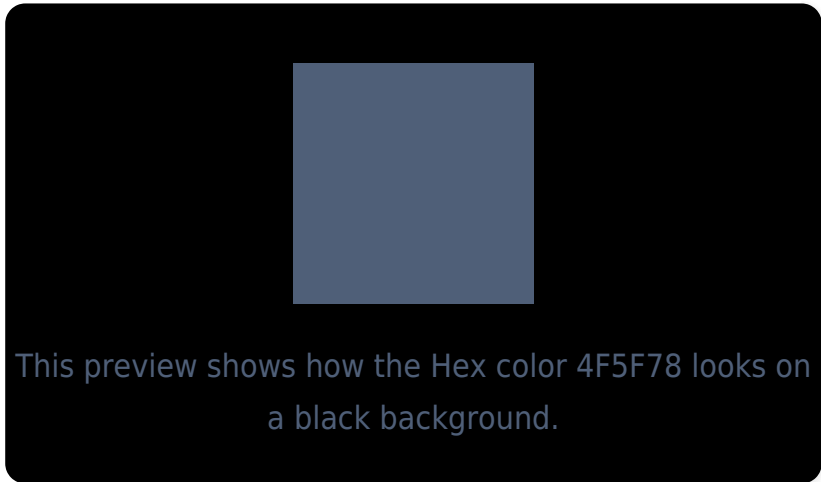
Large Text (above 18pt) WCAG AA ✓ Pass

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

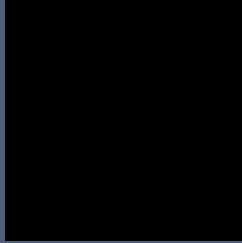
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

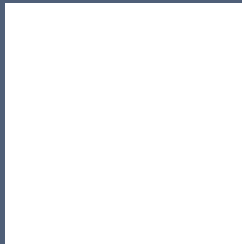
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4F5F78 Background



This preview shows how black text looks on a background with the Hex color 4F5F78.

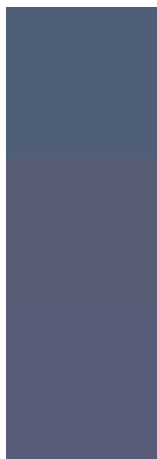


This preview shows how white text looks on a background with the Hex color 4F5F78.

# 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**  
4F5F78

**Protanopia**  
585D76

**Deuteranopia**  
595C79



**Tritanopia**  
4C6269

# Trichromacy



**Original Color**  
4F5F78

**Protanomaly**  
555E77

**Deuteranomaly**  
555D79

**Tritanomaly**  
4D616E

# Monochromacy



**Original Color**  
4F5F78

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
585E67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F5F78 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 #4F5F78 looks like.

```
.text, #text, p{  
    color:#4F5F78  
}
```

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 #4F5F78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F5F78
}
```

## Border

The CSS property to change the border of an element to Hex 4F5F78 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
#4F5F78 }
```

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

```
.border{ border-color:#4F5F78 }
```

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

Here you see how a box with a 4 pixel #4F5F78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F5F78; -webkit-box-shadow:4px 4px  
4px 4px #4F5F78; box-shadow:4px 4px 4px  
4px #4F5F78 }
```

# Background

The CSS property to change the background color of an element to Hex 4F5F78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F5F78 }
```

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

```
.background{ background-color:#4F5F78 }
```

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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