

# Converting Colors

Hex(4F6170)

Have a look what the booklet for  
Hex(4F6170) contains.

<b>Hex(4F6170)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(4F6170)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F6170
RGB	79, 97, 112
RGB Percent	31%, 38%, 44%
CMY	0.6902, 0.6196, 0.5608
CMYK	0.29, 0.13, 0.00, 0.56
HSL	207°, 17%, 37%
HSV	207°, 29%, 44%
XYZ	10.4238, 11.3815, 16.9767
YIQ	93.3280, -15.5430, 0.8490

# Conversions

## Conversions Part 2

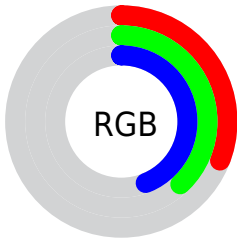
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 91, 112
Decimal	5202288
CIE Lab	40.22, -2.98, -10.72
CIE LCh	40, 11.127, 254.476
Yxy	11.3815, 0.2688, 0.2935
Android (android.graphics.Color)	4283392368 (0xFF4F6170)
YUV	93.3280, 9.2053, -12.5657
Hunter-Lab	33.7365, -3.8866, -6.2201

# Details

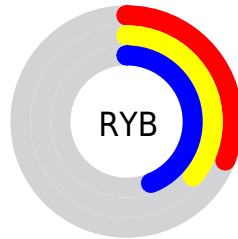
The Hex color **4F6170** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **705E4F**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **8194A4**, and **213340** is the 20% darker color. If you saturate the color by 10%, you get **445C70**, and if you desaturate by 10%, it is **5A6670**.

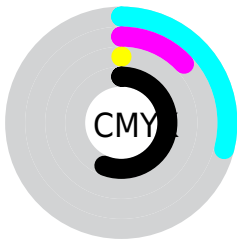
# Distribution



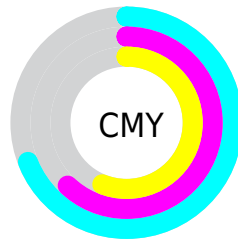
- Red (31%)
- Green (38%)
- Blue (44%)



- Red (31%)
- Yellow (36%)
- Blue (44%)



- Cyan (29%)
- Magenta (13%)
- Yellow (0%)
- Black (56%)



- Cyan (69%)
- Magenta (62%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F6170 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 4F6170 by changing the saturation by 10% instead.





4F6170



4F6170

FFFFFF



374958



8194A4



213340



9BAEBF



0B1E2A



B6C9DB



000316



D2E6F7



000000



EEFFFF



4F6170



4F6170



445C70



5A6670



395770



656B70

■ 2D5270

■ 717070

■ 224D70

■ 7C7570

■ 174870

■ 877A70

■ 0C4270

■ 928070

■ 013D70

■ 9D8570

■ 003D70

■ A98A70

■ B48F70

# Harmonies

## Analogous

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



48636B



4F6170



5A5E70

# Triad

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



4F6170



72595B



576252

# Complementary

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



4F6170



705E4F

# 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.



61604D



4F6170



705A52

# Square

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



4F6170



6E5964



6A5D4D



4D645A

# Rectangle

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



4F6170



625C6E



6A5D4D



5A6150



# Sweetspot

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



4F6170



848B91



4F705E



42464A



C9C9C9



4A4A4A



# Same Dimension

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



4F6170



5E7A91



4F5170



323638



004178



0087F7



# Inverse Universe

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



704F61



915E7A



706E4F



383236



780041



F70087



# Previews

## White Background



This preview shows how the Hex color 4F6170 looks on a white background.

## Color Contrast Check

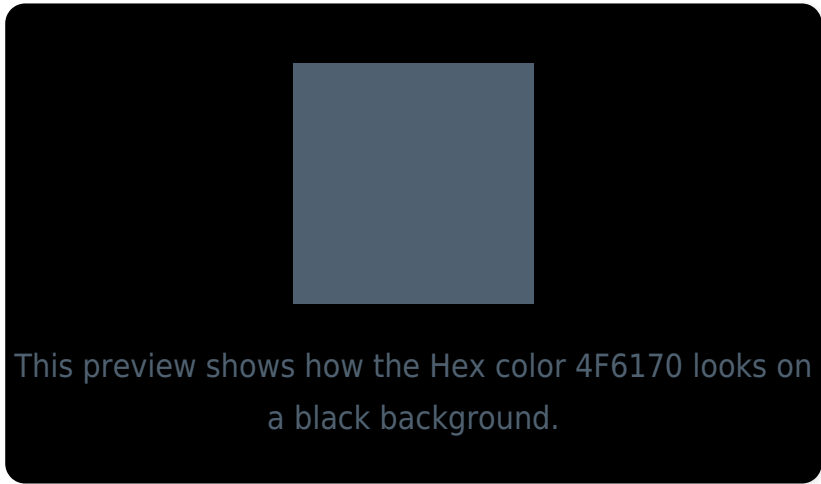
Large Text (above 18pt) WCAG AA ✓ Pass

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

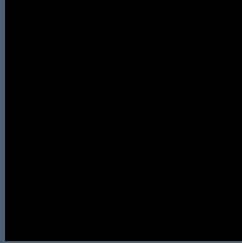
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

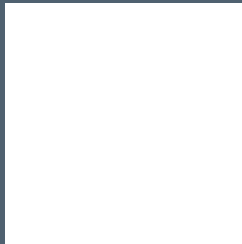
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4F6170 Background



This preview shows how black text looks on a background with the Hex color 4F6170.



This preview shows how white text looks on a background with the Hex color 4F6170.

# 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](#).

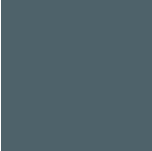
## Dichromacy



**Original Color**  
4F6170

**Protanopia**  
5C5E6E

**Deuteranopia**  
5F5C71



**Tritanopia**  
4E626A

# Trichromacy



**Original Color**  
4F6170

**Protanomaly**  
575F6F

**Deuteranomaly**  
595E71

**Tritanomaly**  
4E626C

# Monochromacy



**Original Color**  
4F6170

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
585E64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F6170 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 #4F6170 looks like.

```
.text, #text, p{  
    color:#4F6170  
}
```

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 #4F6170 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F6170
}
```

## Border

The CSS property to change the border of an element to Hex 4F6170 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
#4F6170 }
```

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

```
.border{ border-color:#4F6170 }
```

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

Here you see how a box with a 4 pixel #4F6170 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F6170; -webkit-box-shadow:4px 4px  
4px 4px #4F6170; box-shadow:4px 4px 4px  
4px #4F6170 }
```

# Background

The CSS property to change the background color of an element to Hex 4F6170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F6170 }
```

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

```
.background{ background-color:#4F6170 }
```

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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