

# Converting Colors

Hex(4C5F6F)

Have a look what the booklet for  
Hex(4C5F6F) contains.

<b>Hex(4C5F6F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(4C5F6F)

# Conversions

## Conversions Part 1

Format	Color
Hex	4C5F6F
RGB	76, 95, 111
RGB Percent	30%, 37%, 44%
CMY	0.7020, 0.6275, 0.5647
CMYK	0.32, 0.14, 0.00, 0.56
HSL	207°, 19%, 37%
HSV	207°, 32%, 44%
XYZ	9.9419, 10.8686, 16.6128
YIQ	91.1430, -16.4600, 0.9480

# Conversions

## Conversions Part 2

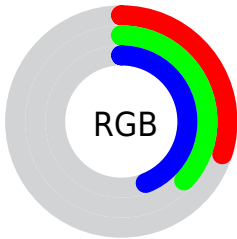
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 88, 111
Decimal	5005167
CIE Lab	39.36, -3.03, -11.43
CIE LCh	39, 11.820, 255.154
Yxy	10.8686, 0.2657, 0.2904
Android (android.graphics.Color)	4283195247 (0xFF4C5F6F)
YUV	91.1430, 9.7895, -13.2804
Hunter-Lab	32.9676, -3.8635, -6.7997

# Details

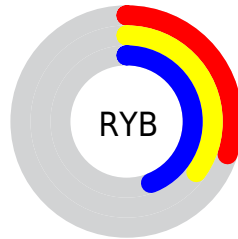
The Hex color **4C5F6F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F5C4C**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7E91A3**, and **1E313F** is the 20% darker color. If you saturate the color by 10%, you get **415A6F**, and if you desaturate by 10%, it is **57646F**.

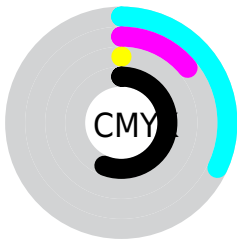
# Distribution



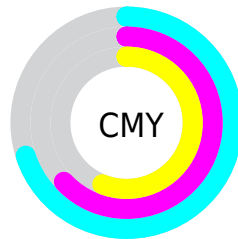
- Red (30%)
- Green (37%)
- Blue (44%)



- Red (30%)
- Yellow (35%)
- Blue (44%)



- Cyan (32%)
- Magenta (14%)
- Yellow (0%)
- Black (56%)



- Cyan (70%)
- Magenta (63%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C5F6F 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 4C5F6F by changing the saturation by 10% instead.





4C5F6F



4C5F6F

FFFFFF



344757



7E91A3



1E313F



98ACBE



071C29



B3C7DA



000115



CFE3F6



000000



EBFFFF



4C5F6F



4C5F6F



415A6F



57646F



36556F



62696F

■ 2B506F

■ 6D6E6F

■ 204B6F

■ 78736F

■ 15466F

■ 84786F

■ 09416F

■ 8F7D6F

■ 003C6F

■ 9A836F

■ A5886F

■ B08D6F

# Harmonies

## Analogous

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



44616A



4C5F6F



585C6F

# Triad

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



4C5F6F



715658



54604F

# Complementary

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



4C5F6F



6F5C4C

# 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.



5F5E4A



4C5F6F



6F584F

# Square

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



4C5F6F



6D5662



695A4A



4A6257

# Rectangle

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



4C5F6F



615A6C



695A4A



585F4D



# Sweetspot

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



4C5F6F



848B91



4C6F5C



42464A



C9C9C9



4A4A4A



# Same Dimension

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



4C5F6F



5A7891



4C4E6F



323638



004178



0086F7



# Inverse Universe

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



6F4C5F



915A78



6F6D4C



383236



780041

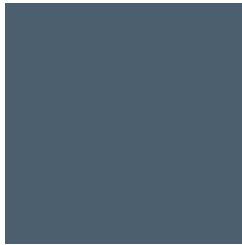


F70086



# Previews

## White Background



This preview shows how the Hex color 4C5F6F looks on a white background.

## Color Contrast Check

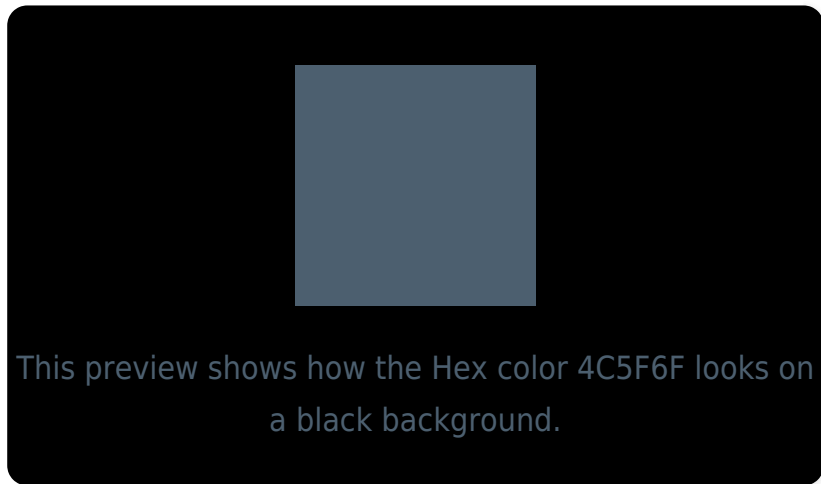
Large Text (above 18pt) WCAG AA ✓ Pass

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

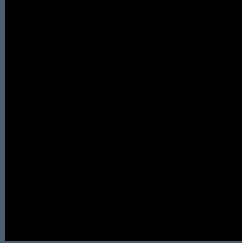
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

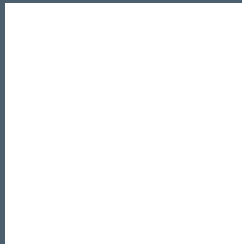
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4C5F6F Background



This preview shows how black text looks on a background with the Hex color 4C5F6F.

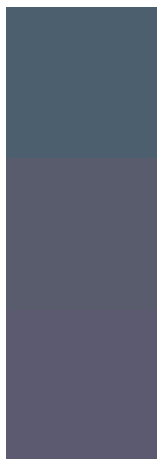


This preview shows how white text looks on a background with the Hex color 4C5F6F.

# 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**  
4C5F6F

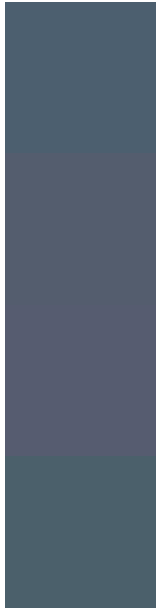
**Protanopia**  
595C6D

**Deuteranopia**  
5C5A70



**Tritanopia**  
4A6068

# Trichromacy



**Original Color**  
4C5F6F

**Protanomaly**  
545D6E

**Deuteranomaly**  
565C70

**Tritanomaly**  
4B606B

# Monochromacy



**Original Color**  
4C5F6F

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
565C62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C5F6F 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 #4C5F6F looks like.

```
.text, #text, p{  
    color:#4C5F6F  
}
```

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 #4C5F6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5F6F
}
```

## Border

The CSS property to change the border of an element to Hex 4C5F6F 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
#4C5F6F }
```

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

```
.border{ border-color:#4C5F6F }
```

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

Here you see how a box with a 4 pixel #4C5F6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5F6F; -webkit-box-shadow:4px 4px  
4px 4px #4C5F6F; box-shadow:4px 4px 4px  
4px #4C5F6F }
```

# Background

The CSS property to change the background color of an element to Hex 4C5F6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5F6F }
```

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

```
.background{ background-color:#4C5F6F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor