

# Converting Colors

Hex(4B5A67)

Have a look what the booklet for  
Hex(4B5A67) contains.

<b>Hex(4B5A67)</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(4B5A67)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B5A67
RGB	75, 90, 103
RGB Percent	29%, 35%, 40%
CMY	0.7059, 0.6471, 0.5961
CMYK	0.27, 0.13, 0.00, 0.60
HSL	208°, 16%, 35%
HSV	208°, 27%, 40%
XYZ	9.0060, 9.7875, 14.2465
YIQ	86.9970, -13.1130, 0.8630

# Conversions

## Conversions Part 2

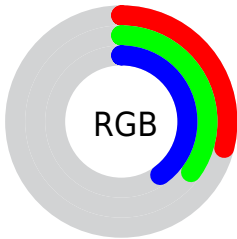
Format	Color
<b>R<sub>YB</sub></b>	75, 85, 103
Decimal	4938343
CIE <sub>Lab</sub>	37.46, -2.48, -9.36
CIE <sub>LCh</sub>	37, 9.687, 255.190
Yxy	9.7875, 0.2726, 0.2962
Android (android.graphics.Color)	4283128423 (0xFF4B5A67)
YUV	86.9970, 7.8895, -10.5214
Hunter-Lab	31.2849, -3.3638, -5.0999

# Details

The Hex color **4B5A67** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **67584B**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7C8C9A**, and **1E2D38** is the 20% darker color. If you saturate the color by 10%, you get **415567**, and if you desaturate by 10%, it is **555F67**.

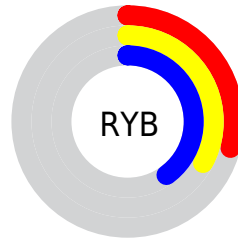
# Distribution



Red (29%)

Green (35%)

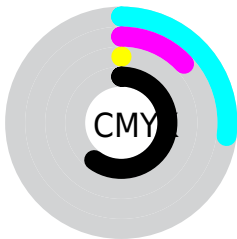
Blue (40%)



Red (29%)

Yellow (33%)

Blue (40%)

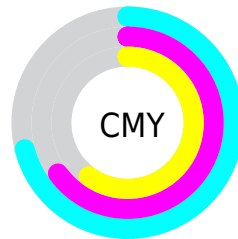


Cyan (27%)

Magenta (13%)

Yellow (0%)

Black (60%)



Cyan (71%)

Magenta (65%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B5A67 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 4B5A67 by changing the saturation by 10% instead.





4B5A67



4B5A67

FFFFFF



34434F



7C8C9A



1E2D38



96A6B5



081823



B1C1D0



00000C



CDDDED



000000



E9FAFF



4B5A67



4B5A67



415567



555F67



365067



606467

■ 2C4C67

■ 6A6867

■ 224767

■ 746D67

■ 184267

■ 7F7267

■ 0D3D67

■ 897767

■ 033967

■ 937B67

■ 003767

■ 9D8067

■ A88567

# Harmonies

## Analogous

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



455C63



4B5A67



555767

# Triad

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



4B5A67



695354



515B4D

# Complementary

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



4B5A67



67584B

# 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.



5A5949



4B5A67



67544D

# Square

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



4B5A67



66535C



625649



495C54

# Rectangle

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



4B5A67



5B5665



625649



545A4B



# Sweetspot

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



4B5A67



7C8287



4B6758



3E4245



C4C4C4



454545



# Same Dimension

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



4B5A67



5B7287



4B4C67



2E3133



003D73



0082F2



# Inverse Universe

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



674B5A



875B72



67664B



332E31



73003D



F20082



# Previews

## White Background



This preview shows how the Hex color 4B5A67 looks on a white background.

## Color Contrast Check

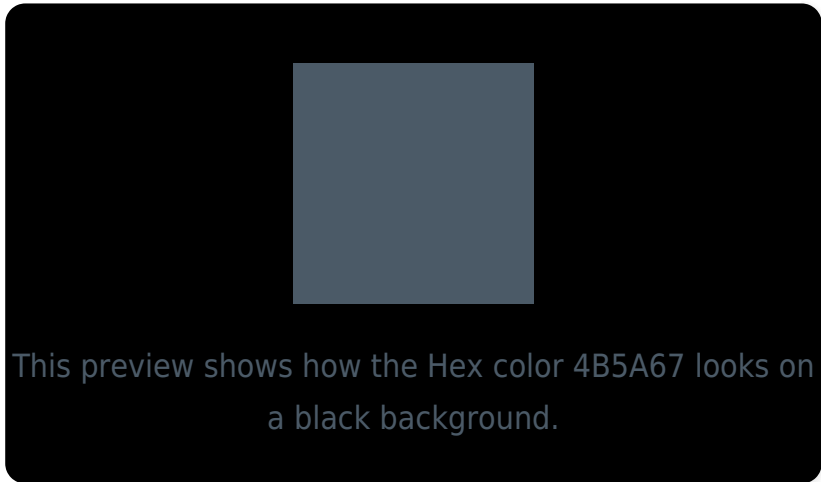
Large Text (above 18pt) WCAG AA ✓ Pass

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

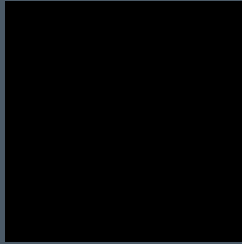
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

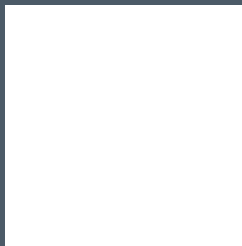
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4B5A67 Background



This preview shows how black text looks on a background with the Hex color 4B5A67.

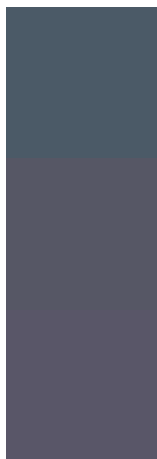


This preview shows how white text looks on a background with the Hex color 4B5A67.

# 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](#).

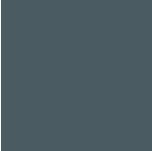
## Dichromacy



**Original Color**  
4B5A67

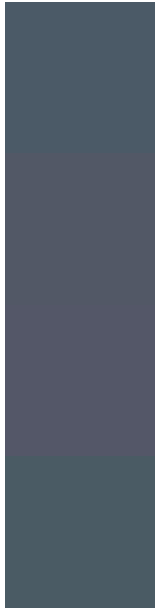
**Protanopia**  
565765

**Deuteranopia**  
595668



**Tritanopia**  
4A5B62

# Trichromacy



**Original Color**

4B5A67

**Protanomaly**

525866

**Deuteranomaly**

545768

**Tritanomaly**

4A5B64

# Monochromacy



**Original Color**

4B5A67

**Achromatopsia**

575757

**Achromatomaly**

53585D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B5A67 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 #4B5A67 looks like.

```
.text, #text, p{  
    color:#4B5A67  
}
```

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 #4B5A67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B5A67
}
```

## Border

The CSS property to change the border of an element to Hex 4B5A67 is called "border". The border property can be set on classes, ids or directly on the HTML element.

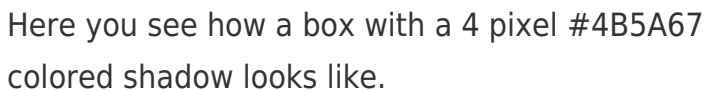
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B5A67 }
```

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

```
.border{ border-color:#4B5A67 }
```

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



Here you see how a box with a 4 pixel #4B5A67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B5A67; -webkit-box-shadow:4px 4px  
4px 4px #4B5A67; box-shadow:4px 4px 4px  
4px #4B5A67 }
```

# Background

The CSS property to change the background color of an element to Hex 4B5A67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B5A67 }
```

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

```
.background{ background-color:#4B5A67 }
```

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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