

# Converting Colors

Hex(4B5B6E)

Have a look what the booklet for  
Hex(4B5B6E) contains.

<b>Hex(4B5B6E)</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(4B5B6E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B5B6E
RGB	75, 91, 110
RGB Percent	29%, 36%, 43%
CMY	0.7059, 0.6431, 0.5686
CMYK	0.32, 0.17, 0.00, 0.57
HSL	213°, 19%, 36%
HSV	213°, 32%, 43%
XYZ	9.4572, 10.1038, 16.2036
YIQ	88.3820, -15.6350, 2.5170

# Conversions

## Conversions Part 2

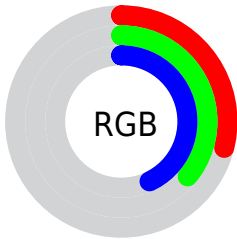
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 86, 110
Decimal	4938606
CIE Lab	38.03, -1.19, -12.83
CIE LCh	38, 12.889, 264.713
Yxy	10.1038, 0.2644, 0.2825
Android (android.graphics.Color)	4283128686 (0xFF4B5B6E)
YUV	88.3820, 10.6577, -11.7360
Hunter-Lab	31.7865, -2.5186, -7.9734

# Details

The Hex color **4B5B6E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E5E4B**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7D8DA2**, and **1D2D3E** is the 20% darker color. If you saturate the color by 10%, you get **40556E**, and if you desaturate by 10%, it is **56616E**.

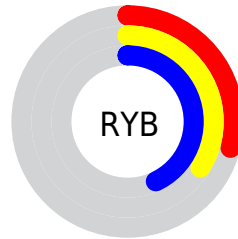
# Distribution



Red (29%)

Green (36%)

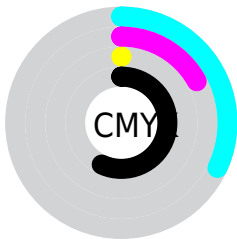
Blue (43%)



Red (29%)

Yellow (34%)

Blue (43%)

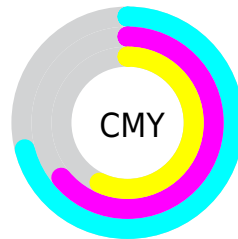


Cyan (32%)

Magenta (17%)

Yellow (0%)

Black (57%)



Cyan (71%)

Magenta (64%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B5B6E 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 4B5B6E by changing the saturation by 10% instead.



■ 4B5B6E

■ 4B5B6E

FFFFFF

■ 344456

■ 7D8DA2

■ 1D2D3E

■ 97A7BD

■ 061928

■ B2C3D8

■ 000114

■ CDDEF5

■ 000000

■ EAFBFF

■ 4B5B6E

■ 4B5B6E

■ 40556E

■ 56616E

■ 354F6E

■ 61676E

■ 2A496E

■ 6C6D6E

■ 1F436E

■ 77736E

■ 143D6E

■ 82796E

■ 09376E

■ 8D7F6E

■ 00326E

■ 98856E

■ A38B6E

■ AE916E

# Harmonies

## Analogous

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



405E6A



4B5B6E



59576C

# Triad

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



4B5B6E



6F5351



4C5E4D

# Complementary

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



4B5B6E



6E5E4B

# 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.



585C46



4B5B6E



6B5549

# Square

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



4B5B6E



6D525C



635845



425F57

# Rectangle

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



4B5B6E



625568



635845



505D4A



# Sweetspot

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



4B5B6E



81878F



4B6E5E



3F4347



C7C7C7



474747



# Same Dimension

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



4B5B6E



59718F



4C4B6E



323538



003778



0071F7



# Inverse Universe

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



6E4B5B



8F5971



6D6E4B



383235



780037

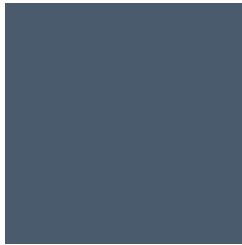


F70071



# Previews

## White Background



This preview shows how the Hex color 4B5B6E looks on a white background.

## Color Contrast Check

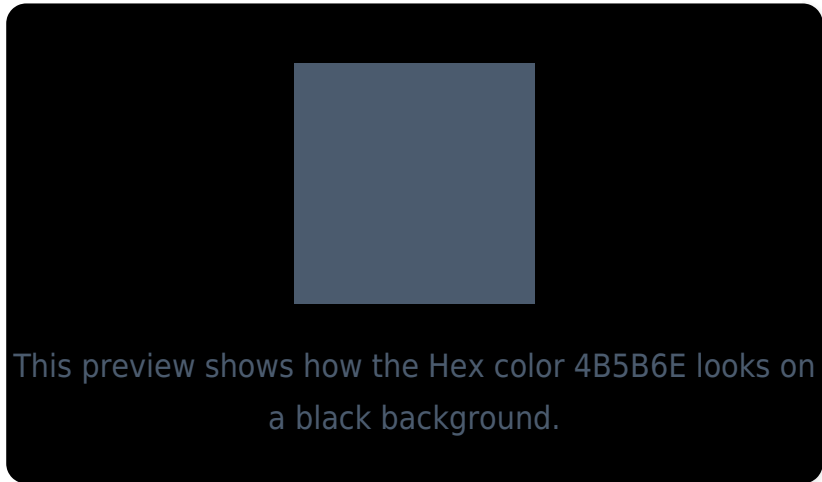
Large Text (above 18pt) WCAG AA ✓ Pass

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

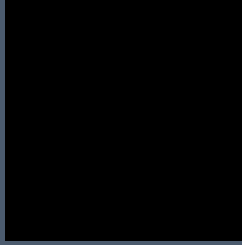
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

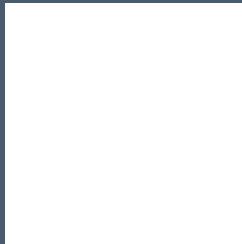
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4B5B6E Background



This preview shows how black text looks on a background with the Hex color 4B5B6E.

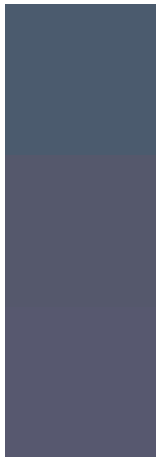


This preview shows how white text looks on a background with the Hex color 4B5B6E.

# 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**  
4B5B6E

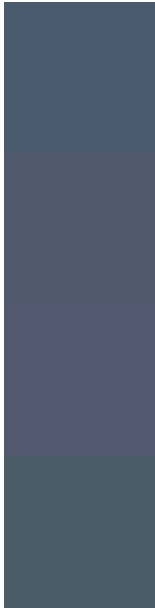
**Protanopia**  
55586C

**Deuteranopia**  
57586F



**Tritanopia**  
495D64

# Trichromacy



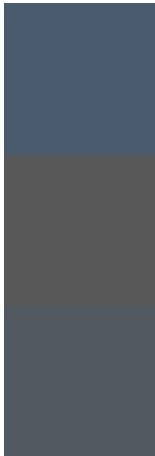
**Original Color**  
4B5B6E

**Protanomaly**  
51596D

**Deuteranomaly**  
53596F

**Tritanomaly**  
4A5C68

# Monochromacy



**Original Color**  
4B5B6E

**Achromatopsia**  
585858

**Achromatomaly**  
535960

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B5B6E 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 #4B5B6E looks like.

```
.text, #text, p{  
    color:#4B5B6E  
}
```

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 #4B5B6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B5B6E
}
```

## Border

The CSS property to change the border of an element to Hex 4B5B6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

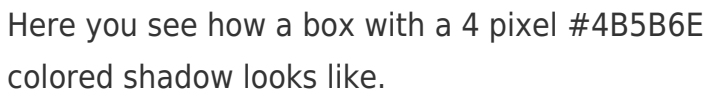
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B5B6E }
```

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

```
.border{ border-color:#4B5B6E }
```

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



Here you see how a box with a 4 pixel #4B5B6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B5B6E; -webkit-box-shadow:4px 4px  
4px 4px #4B5B6E; box-shadow:4px 4px 4px  
4px #4B5B6E }
```

# Background

The CSS property to change the background color of an element to Hex 4B5B6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B5B6E }
```

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

```
.background{ background-color:#4B5B6E }
```

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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