

# Converting Colors

Hex(4A5265)

Have a look what the booklet for  
Hex(4A5265) contains.

<b>Hex(4A5265)</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(4A5265)

# Conversions

## Conversions Part 1

Format	Color
Hex	4A5265
RGB	74, 82, 101
RGB Percent	29%, 32%, 40%
CMY	0.7098, 0.6784, 0.6039
CMYK	0.27, 0.19, 0.00, 0.60
HSL	222°, 15%, 34%
HSV	222°, 27%, 40%
XYZ	8.1903, 8.4300, 13.5074
YIQ	81.7740, -10.8670, 4.2130

# Conversions

## Conversions Part 2

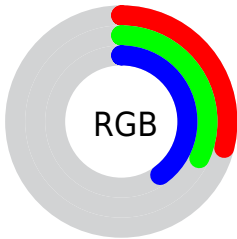
Format	Color
<b>RYB</b>	74, 80, 101
Decimal	4870757
CIELab	34.86, 1.61, -12.05
CIELCh	35, 12.160, 277.608
Yxy	8.4300, 0.2719, 0.2798
Android (android.graphics.Color)	4283060837 (0xFF4A5265)
YUV	81.7740, 9.4784, -6.8178
Hunter-Lab	29.0345, -0.4576, -7.2587

# Details

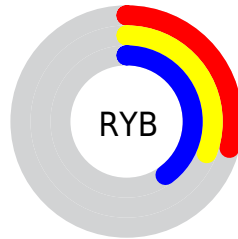
The Hex color **4A5265** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **655D4A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **7B8398**, and **1D2536** is the 20% darker color. If you saturate the color by 10%, you get **404B65**, and if you desaturate by 10%, it is **545965**.

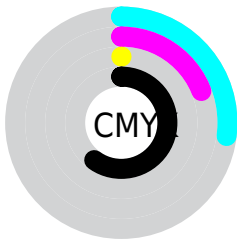
# Distribution



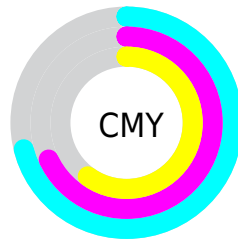
- Red (29%)
- Green (32%)
- Blue (40%)



- Red (29%)
- Yellow (31%)
- Blue (40%)



- Cyan (27%)
- Magenta (19%)
- Yellow (0%)
- Black (60%)



- Cyan (71%)
- Magenta (68%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A5265 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 4A5265 by changing the saturation by 10% instead.





4A5265



4A5265

FFFFFF



333B4D



7B8398



1D2536



959DB3



071021



B0B8CE



000008



CBD4EA



000000



E8F0FF



4A5265



4A5265



404B65



545965



364465



5E6065

■ 2C3D65

■ 686765

■ 223665

■ 726E65

■ 182E65

■ 7D7665

■ 0D2765

■ 877D65

■ 032065

■ 918465

■ 001E65

■ 9B8B65

■ A59265

# Harmonies

## Analogous

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



3E5564



4A5265



574F61

# Triad

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



4A5265



654C47



41574A

# Complementary

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



4A5265



655D4A

# 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.



4C5542



4A5265



604F40

# Square

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



4A5265



664B50



57523F



395854

# Rectangle

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



4A5265



5E4D5C



57523F



455647



# Sweetspot

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



4A5265



787B82



4A655D



3C3E42



C2C2C2



424242



# Same Dimension

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



4A5265



586582



4F4A65



2E2F33



002273



0048F2



# Inverse Universe

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



654A52



825865



60654A



332E2F



730022

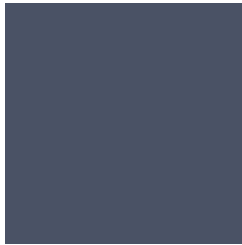


F20048



# Previews

## White Background



This preview shows how the Hex color 4A5265 looks on a white background.

## Color Contrast Check

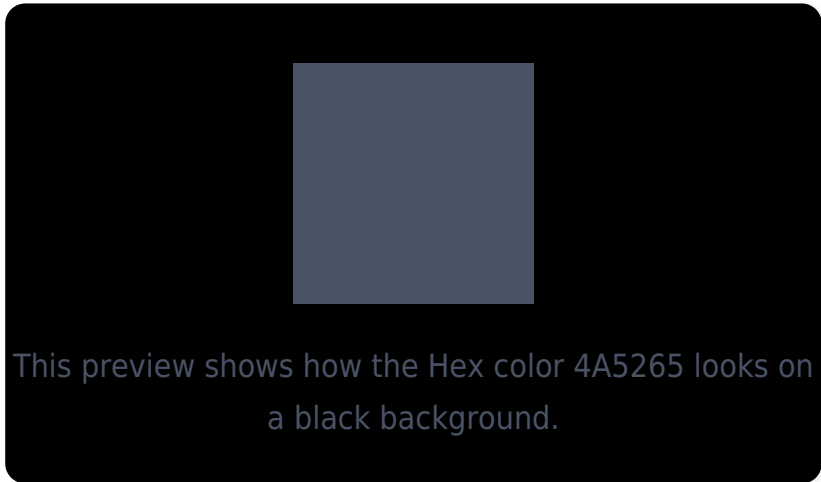
Large Text (above 18pt) WCAG AA ✓ Pass

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

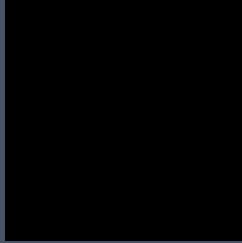
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

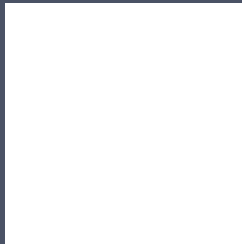
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4A5265 Background



This preview shows how black text looks on a background with the Hex color 4A5265.

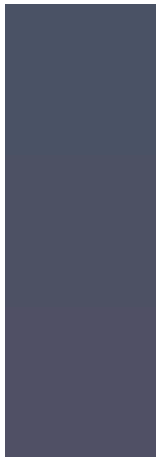


This preview shows how white text looks on a background with the Hex color 4A5265.

# 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**  
4A5265

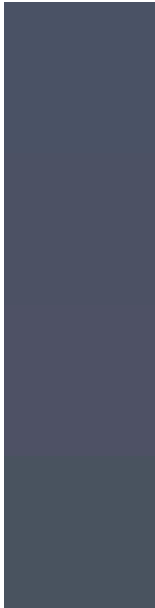
**Protanopia**  
4D5164

**Deuteranopia**  
505065



**Tritanopia**  
48545B

# Trichromacy



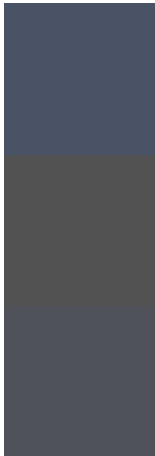
**Original Color**  
4A5265

**Protanomaly**  
4C5164

**Deuteranomaly**  
4E5165

**Tritanomaly**  
49535F

# Monochromacy



**Original Color**  
4A5265

**Achromatopsia**  
525252

**Achromatomaly**  
4F5259

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A5265 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 #4A5265 looks like.

```
.text, #text, p{  
    color:#4A5265  
}
```

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 #4A5265 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A5265
}
```

## Border

The CSS property to change the border of an element to Hex 4A5265 is called "border". The border property can be set on classes, ids or directly on the HTML element.

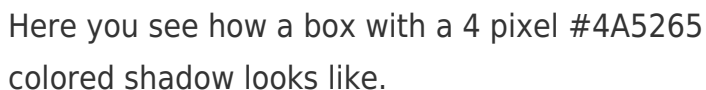
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A5265 }
```

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

```
.border{ border-color:#4A5265 }
```

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



Here you see how a box with a 4 pixel #4A5265 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A5265; -webkit-box-shadow:4px 4px  
4px 4px #4A5265; box-shadow:4px 4px 4px  
4px #4A5265 }
```

# Background

The CSS property to change the background color of an element to Hex 4A5265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A5265 }
```

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

```
.background{ background-color:#4A5265 }
```

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