

# Converting Colors

Hex(4A555A)

Have a look what the booklet for  
Hex(4A555A) contains.

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# Color

Hex(4A555A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4A555A
RGB	74, 85, 90
RGB Percent	29%, 33%, 35%
CMY	0.7098, 0.6667, 0.6471
CMYK	0.18, 0.06, 0.00, 0.65
HSL	199°, 10%, 32%
HSV	199°, 18%, 35%
XYZ	7.9180, 8.6910, 10.9331
YIQ	82.2810, -8.1610, -0.7770

# Conversions

## Conversions Part 2

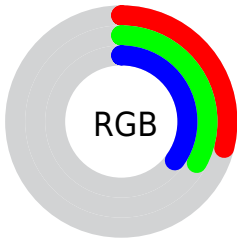
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 81, 90
Decimal	4871514
CIE Lab	35.38, -3.10, -4.37
CIE LCh	35, 5.359, 234.597
Yxy	8.6910, 0.2875, 0.3156
Android (android.graphics.Color)	4283061594 (0xFF4A555A)
YUV	82.2810, 3.8055, -7.2624
Hunter-Lab	29.4806, -3.6487, -1.3517

# Details

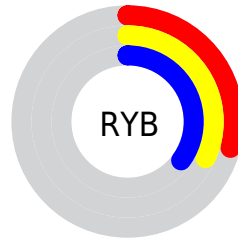
The Hex color **4A555A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5A4F4A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **7B878C**, and **1E282C** is the 20% darker color. If you saturate the color by 10%, you get **41525A**, and if you desaturate by 10%, it is **53585A**.

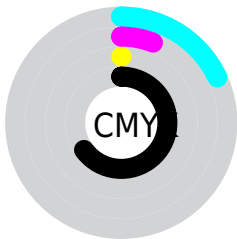
# Distribution



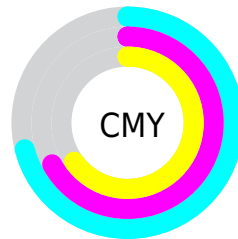
- Red (29%)
- Green (33%)
- Blue (35%)



- Red (29%)
- Yellow (32%)
- Blue (35%)



- Cyan (18%)
- Magenta (6%)
- Yellow (0%)
- Black (65%)



- Cyan (71%)
- Magenta (67%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A555A 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 4A555A by changing the saturation by 10% instead.





4A555A



4A555A

FFFFFF



333E43



7B878C



1E282C



95A1A6



071418



AFBCC1



000000



CBD7DD



E7F4FA



4A555A



4A555A



41525A



53585A



384F5A



5C5B5A

■ 2F4D5A

■ 655D5A

■ 264A5A

■ 6E605A

■ 1D475A

■ 77635A

■ 14445A

■ 80665A

■ 0B415A

■ 89695A

■ 023E5A

■ 926C5A

■ 003E5A

■ 9B6E5A

# Harmonies

## Analogous

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



495657



4A555A



4E545C

# Triad

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



4A555A



5C5054



53544B

# Complementary

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



4A555A



5A4F4A

# 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.



58534B



4A555A



5D5050

# Square

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



4A555A



585158



5B514C



4E554E

# Rectangle

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



4A555A



51535B



5B514C



55544B



# Sweetspot

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



4A555A



6F7375



4A5A4F



373A3B



BABABA



3B3B3B



# Same Dimension

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



4A555A



5D6E75



4A4D5A



292C2E



004B6E



00A3ED



# Inverse Universe

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



5A4A55



755D6E



5A574A



2E292C



6E004B

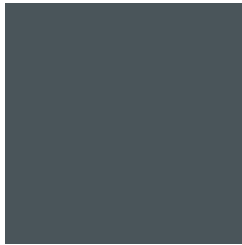


ED00A3



# Previews

## White Background



This preview shows how the Hex color 4A555A looks on a white background.

## Color Contrast Check

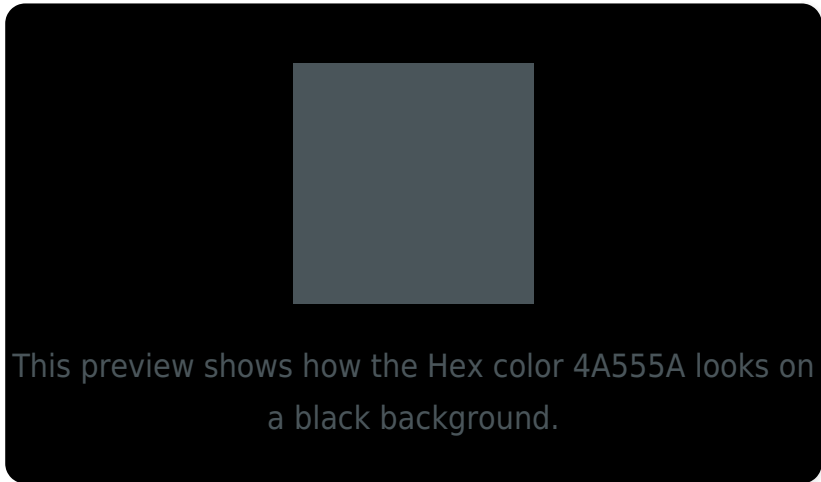
Large Text (above 18pt) WCAG AA ✓ Pass

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

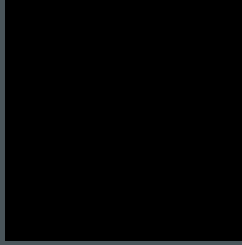
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4A555A Background



This preview shows how black text looks on a background with the Hex color 4A555A.



This preview shows how white text looks on a background with the Hex color 4A555A.

# 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**


4A555A

**Protanopia**

535359

**Deuteranopia**

58515B



**Tritanopia**  
4A555C

# Trichromacy



**Original Color**

4A555A

**Protanomaly**

505459

**Deuteranomaly**

53525B

**Tritanomaly**

4A555B

# Monochromacy



**Original Color**

4A555A

**Achromatopsia**

525252

**Achromatomaly**

4F5355

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A555A 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 #4A555A looks like.

```
.text, #text, p{  
    color:#4A555A  
}
```

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 #4A555A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A555A
}
```

## Border

The CSS property to change the border of an element to Hex 4A555A is called "border". The border property can be set on classes, ids or directly on the HTML element.

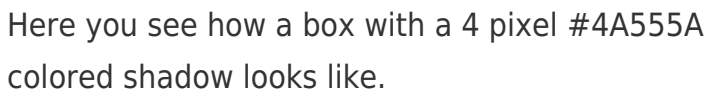
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A555A }
```

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

```
.border{ border-color:#4A555A }
```

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



Here you see how a box with a 4 pixel #4A555A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A555A; -webkit-box-shadow:4px 4px  
4px 4px #4A555A; box-shadow:4px 4px 4px  
4px #4A555A }
```

# Background

The CSS property to change the background color of an element to Hex 4A555A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A555A }
```

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

```
.background{ background-color:#4A555A }
```

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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