

# Converting Colors

Hex(4A5D5D)

Have a look what the booklet for  
Hex(4A5D5D) contains.

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# Color

**Hex(4A5D5D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A5D5D
RGB	74, 93, 93
RGB Percent	29%, 36%, 36%
CMY	0.7098, 0.6353, 0.6353
CMYK	0.20, 0.00, 0.00, 0.64
HSL	180°, 11%, 33%
HSV	180°, 20%, 36%
XYZ	8.7142, 10.0749, 11.8413
YIQ	87.3190, -11.3240, -4.0280

# Conversions

## Conversions Part 2

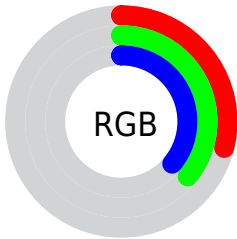
Format	Color
<b>R<sub>YB</sub></b>	74, 84, 93
Decimal	4873565
CIE <sub>Lab</sub>	37.98, -7.20, -2.40
CIE <sub>LCh</sub>	38, 7.589, 198.451
Yxy	10.0749, 0.2845, 0.3289
Android (android.graphics.Color)	4283063645 (0xFF4A5D5D)
YUV	87.3190, 2.8007, -11.6808
Hunter-Lab	31.7409, -6.5411, 0.0999

# Details

The Hex color **4A5D5D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5D4A4A**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7B8F8F**, and **1D2F2F** is the 20% darker color. If you saturate the color by 10%, you get **415D5D**, and if you desaturate by 10%, it is **535D5D**.

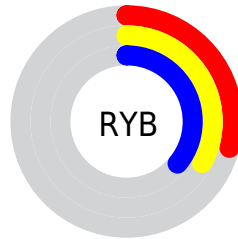
# Distribution



Red (29%)

Green (36%)

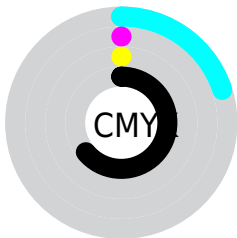
Blue (36%)



Red (29%)

Yellow (33%)

Blue (36%)

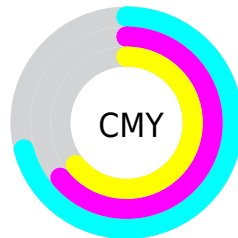


Cyan (20%)

Magenta (0%)

Yellow (0%)

Black (64%)



Cyan (71%)

Magenta (64%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A5D5D 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 4A5D5D by changing the saturation by 10% instead.





4A5D5D



4A5D5D

FFFFFF



334545



7B8F8F



1D2F2F



95AAAA



071A1A



B0C5C5



000000



CBE1E1



E7FEFE



4A5D5D



4A5D5D



415D5D



535D5D



375D5D



5D5D5D

■ 2E5D5D

■ 665D5D

■ 255D5D

■ 6F5D5D

■ 1C5D5D

■ 795D5D

■ 125D5D

■ 825D5D

■ 095D5D

■ 8B5D5D

■ 005D5D

■ 945D5D

■ 9E5D5D

# Harmonies

## Analogous

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



4D5D57



4A5D5D



4B5C62

# Triad

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



4A5D5D



5F5762



61584E

# Complementary

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



4A5D5D



5D4A4A

# 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.



655650



4A5D5D



64555C

# Square

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



4A5D5D



585965



675556



5A5A4E

# Rectangle

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



4A5D5D



4E5B65



675556



63574E



# Sweetspot

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



4A5D5D



717878



4A5D4A



393D3D



BDBDBD



3D3D3D



# Same Dimension

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



4A5D5D



5A7878



4A545D



292E2E



006E6E



00EDED



# Inverse Universe

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



5D4A5D



785A78



5D544A



2E292E



6E006E



ED00ED



# Previews

## White Background



This preview shows how the Hex color 4A5D5D looks on a white background.

## Color Contrast Check

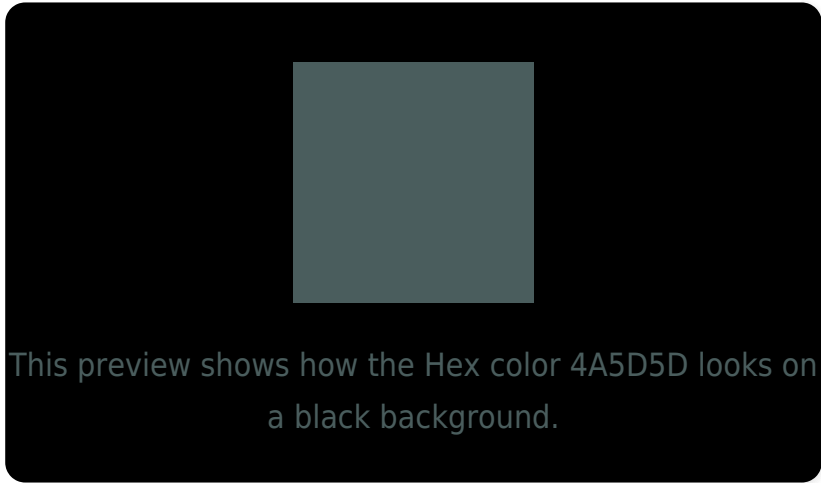
Large Text (above 18pt) WCAG AA ✓ Pass

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

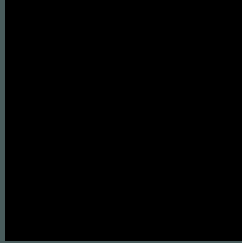
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

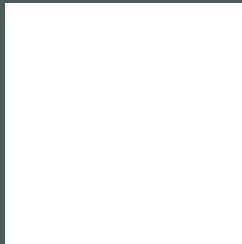
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4A5D5D Background



This preview shows how black text looks on a background with the Hex color 4A5D5D.



This preview shows how white text looks on a background with the Hex color 4A5D5D.

# 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**

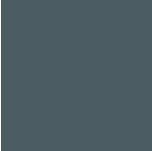
4A5D5D

**Protanopia**

5A595A

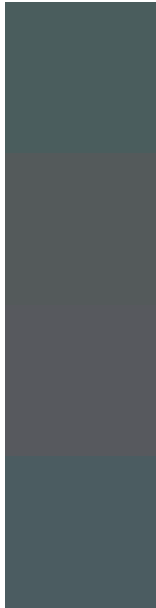
**Deuteranopia**

5F575E



**Tritanopia**  
4B5C63

# Trichromacy



**Original Color**  
4A5D5D

**Protanomaly**  
545A5B

**Deuteranomaly**  
57595E

**Tritanomaly**  
4B5C61

# Monochromacy



**Original Color**  
4A5D5D

**Achromatopsia**  
575757

**Achromatomaly**  
525959

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A5D5D 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 #4A5D5D looks like.

```
.text, #text, p{  
    color:#4A5D5D  
}
```

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 #4A5D5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A5D5D
}
```

## Border

The CSS property to change the border of an element to Hex 4A5D5D is called "border". The border property can be set on classes, ids or directly on the HTML element.

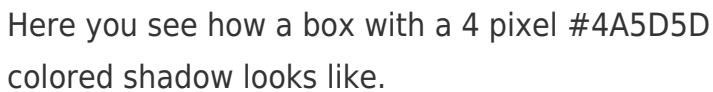
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A5D5D }
```

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

```
.border{ border-color:#4A5D5D }
```

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



Here you see how a box with a 4 pixel #4A5D5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A5D5D; -webkit-box-shadow:4px 4px  
4px 4px #4A5D5D; box-shadow:4px 4px 4px  
4px #4A5D5D }
```

# Background

The CSS property to change the background color of an element to Hex 4A5D5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A5D5D }
```

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

```
.background{ background-color:#4A5D5D }
```

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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