

# Converting Colors

Hex(4A5E63)

Have a look what the booklet for  
Hex(4A5E63) contains.

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# Color

**Hex(4A5E63)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A5E63
RGB	74, 94, 99
RGB Percent	29%, 37%, 39%
CMY	0.7098, 0.6314, 0.6118
CMYK	0.25, 0.05, 0.00, 0.61
HSL	192°, 14%, 34%
HSV	192°, 25%, 39%
XYZ	9.0789, 10.3621, 13.3260
YIQ	88.5900, -13.5250, -2.6850

# Conversions

## Conversions Part 2

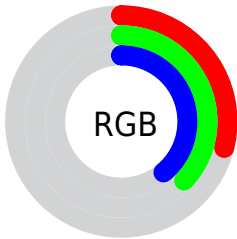
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 85, 99
Decimal	4873827
CIELab	38.48, -6.29, -5.36
CIElCh	38, 8.261, 220.447
Yxy	10.3621, 0.2771, 0.3162
Android (android.graphics.Color)	4283063907 (0xFF4A5E63)
YUV	88.5900, 5.1321, -12.7954
Hunter-Lab	32.1902, -5.9891, -2.0114

# Details

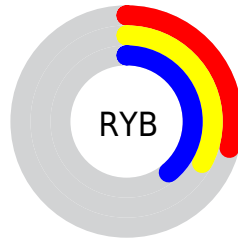
The Hex color **4A5E63** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **634F4A**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7B9096**, and **1D3035** is the 20% darker color. If you saturate the color by 10%, you get **405C63**, and if you desaturate by 10%, it is **546063**.

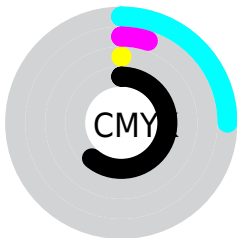
# Distribution



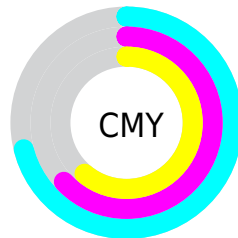
- Red (29%)
- Green (37%)
- Blue (39%)



- Red (29%)
- Yellow (33%)
- Blue (39%)



- Cyan (25%)
- Magenta (5%)
- Yellow (0%)
- Black (61%)



- Cyan (71%)
- Magenta (63%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A5E63 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 4A5E63 by changing the saturation by 10% instead.





4A5E63



4A5E63

FFFFFF



33464B



7B9096



1D3035



95ABB0



071B1F



B0C6CC



000007



CCE2E8



000000



E8FFFF



4A5E63



4A5E63



405C63



546063



365A63



5E6263

■ 2C5863

■ 686463

■ 225663

■ 726663

■ 195463

■ 7C6863

■ 0F5263

■ 856A63

■ 055063

■ 8F6C63

■ 004F63

■ 996E63

■ A37063

# Harmonies

## Analogous

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



4A5F5D



4A5E63



4F5C67

# Triad

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



4A5E63



65575F



5E5B4D

# Complementary

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



4A5E63



634F4A

# 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.



64594E



4A5E63



695658

# Square

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



4A5E63



5F5865



685752



565D50

# Rectangle

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



4A5E63



545B68



685752



605A4D



# Sweetspot

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



4A5E63



757D80



4A634F



393E40



BFBFBF



404040



# Same Dimension

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



4A5E63



597880



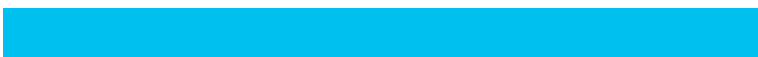
4A5263



2C2F30



005A70



00C0F0



# Inverse Universe

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



634A5E



805978



635C4A



302C2F



70005A



F000C0



# Previews

## White Background



This preview shows how the Hex color 4A5E63 looks on a white background.

## Color Contrast Check

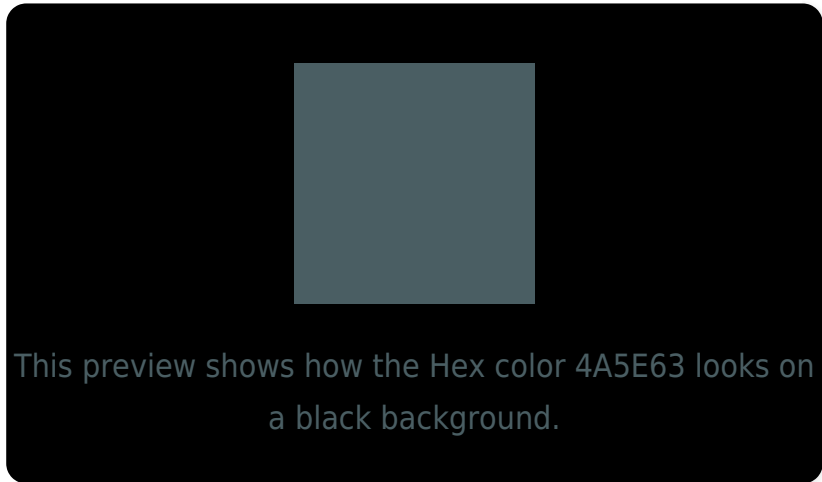
Large Text (above 18pt) WCAG AA ✓ Pass

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

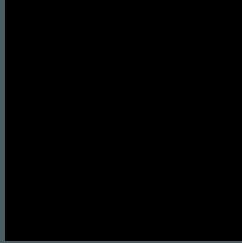
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

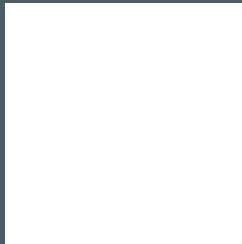
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4A5E63 Background



This preview shows how black text looks on a background with the Hex color 4A5E63.



This preview shows how white text looks on a background with the Hex color 4A5E63.

# 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**

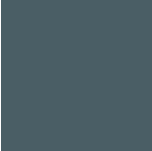
4A5E63

**Protanopia**

5A5A60

**Deuteranopia**

5F5864



**Tritanopia**  
4A5E65

# Trichromacy



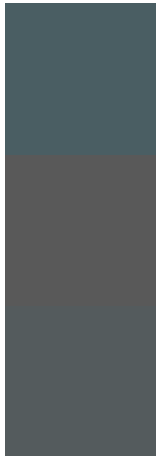
**Original Color**  
4A5E63

**Protanomaly**  
545B61

**Deuteranomaly**  
575A64

**Tritanomaly**  
4A5E64

# Monochromacy



**Original Color**  
4A5E63

**Achromatopsia**  
595959

**Achromatomaly**  
545B5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A5E63 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 #4A5E63 looks like.

```
.text, #text, p{  
    color:#4A5E63  
}
```

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 #4A5E63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A5E63
}
```

## Border

The CSS property to change the border of an element to Hex 4A5E63 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
#4A5E63 }
```

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

```
.border{ border-color:#4A5E63 }
```

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

Here you see how a box with a 4 pixel #4A5E63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A5E63; -webkit-box-shadow:4px 4px  
4px 4px #4A5E63; box-shadow:4px 4px 4px  
4px #4A5E63 }
```

# Background

The CSS property to change the background color of an element to Hex 4A5E63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A5E63 }
```

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

```
.background{ background-color:#4A5E63 }
```

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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