

# Converting Colors

Hex(4E5A65)

Have a look what the booklet for  
Hex(4E5A65) contains.

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# Color

Hex(4E5A65)

# Conversions

## Conversions Part 1

Format	Color
Hex	4E5A65
RGB	78, 90, 101
RGB Percent	31%, 35%, 40%
CMY	0.6941, 0.6471, 0.6039
CMYK	0.23, 0.11, 0.00, 0.60
HSL	209°, 13%, 35%
HSV	209°, 23%, 40%
XYZ	9.1470, 9.8716, 13.7352
YIQ	87.6660, -10.6830, 0.8770

# Conversions

## Conversions Part 2

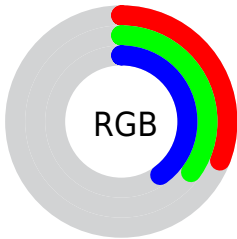
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 86, 101
Decimal	5134949
CIE <sub>Lab</sub>	37.61, -1.95, -7.87
CIE <sub>LCh</sub>	38, 8.110, 256.080
Yxy	9.8716, 0.2793, 0.3014
Android (android.graphics.Color)	4283325029 (0xFF4E5A65)
YUV	87.6660, 6.5737, -8.4771
Hunter-Lab	31.4191, -3.0170, -3.9259

# Details

The Hex color **4E5A65** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **65594E**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7F8C98**, and **212D36** is the 20% darker color. If you saturate the color by 10%, you get **445565**, and if you desaturate by 10%, it is **585F65**.

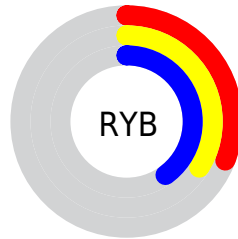
# Distribution



Red (31%)

Green (35%)

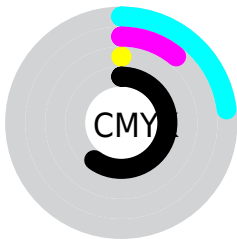
Blue (40%)



Red (31%)

Yellow (34%)

Blue (40%)

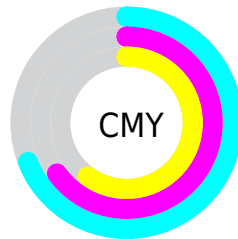


Cyan (23%)

Magenta (11%)

Yellow (0%)

Black (60%)



Cyan (69%)

Magenta (65%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E5A65 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 4E5A65 by changing the saturation by 10% instead.





4E5A65



4E5A65

FFFFFF



37434D



7F8C98



212D36



99A6B3



0C1821



B4C1CE



000009



D0DDEA



000000



ECFAFF



4E5A65



4E5A65



445565



585F65



3A5065



626465

■ 304C65

■ 6C6865

■ 264765

■ 766D65

■ 1C4265

■ 817265

■ 113D65

■ 8B7765

■ 073865

■ 957C65

■ 003565

■ 9F8165

■ A98565

# Harmonies

## Analogous

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



495C62



4E5A65



565865

# Triad

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



4E5A65



675455



535B4F

# Complementary

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



4E5A65



65594E

# 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.



5A594C



4E5A65



65554F

# Square

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



4E5A65



64545C



61574C



4C5C55

# Rectangle

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



4E5A65



5B5663



61574C



555A4E



# Sweetspot

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



4E5A65



797E82



4E6559



3D4042



C2C2C2



424242



# Same Dimension

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



4E5A65



5F7182



4E4F65



2E3133



003C73



007EF2



# Inverse Universe

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



654E5A



825F71



65644E



332E31



73003C

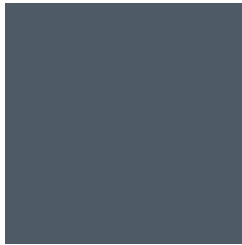


F2007E



# Previews

## White Background



This preview shows how the Hex color 4E5A65 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

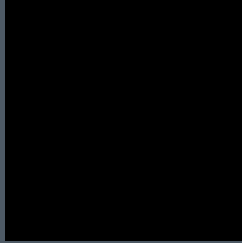
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

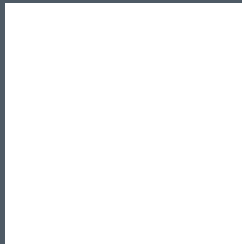
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4E5A65 Background



This preview shows how black text looks on a background with the Hex color 4E5A65.

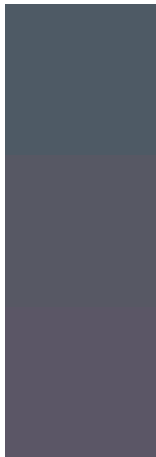


This preview shows how white text looks on a background with the Hex color 4E5A65.

# 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**  
4E5A65

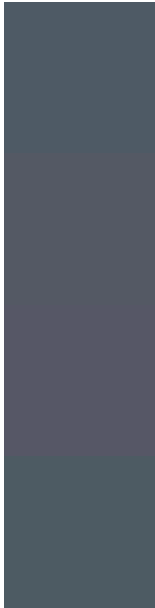
**Protanopia**  
575864

**Deuteranopia**  
5B5666



**Tritanopia**  
4D5B62

# Trichromacy



**Original Color**  
4E5A65

**Protanomaly**  
545964

**Deuteranomaly**  
565766

**Tritanomaly**  
4D5B63

# Monochromacy



**Original Color**  
4E5A65

**Achromatopsia**  
585858

**Achromatomaly**  
54595D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E5A65 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 #4E5A65 looks like.

```
.text, #text, p{  
    color:#4E5A65  
}
```

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 #4E5A65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E5A65
}
```

## Border

The CSS property to change the border of an element to Hex 4E5A65 is called "border". The border property can be set on classes, ids or directly on the HTML element.

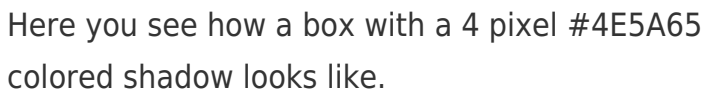
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E5A65 }
```

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

```
.border{ border-color:#4E5A65 }
```

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



Here you see how a box with a 4 pixel #4E5A65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E5A65; -webkit-box-shadow:4px 4px  
4px 4px #4E5A65; box-shadow:4px 4px 4px  
4px #4E5A65 }
```

# Background

The CSS property to change the background color of an element to Hex 4E5A65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E5A65 }
```

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

```
.background{ background-color:#4E5A65 }
```

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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