

# Converting Colors

Hex(4E5A60)

Have a look what the booklet for  
Hex(4E5A60) contains.

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# Color

Hex(4E5A60)

# Conversions

## Conversions Part 1

Format	Color
Hex	4E5A60
RGB	78, 90, 96
RGB Percent	31%, 35%, 38%
CMY	0.6941, 0.6471, 0.6235
CMYK	0.19, 0.06, 0.00, 0.62
HSL	200°, 10%, 34%
HSV	200°, 19%, 38%
XYZ	8.9094, 9.7766, 12.4838
YIQ	87.0960, -9.0780, -0.6780

# Conversions

## Conversions Part 2

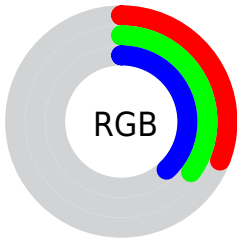
Format	Color
R <sub>Y</sub> B	78, 85, 96
Decimal	5134944
CIE Lab	37.44, -3.21, -5.03
CIE LCh	37, 5.963, 237.445
Yxy	9.7766, 0.2858, 0.3137
Android (android.graphics.Color)	4283325024 (0xFF4E5A60)
YUV	87.0960, 4.3897, -7.9772
Hunter-Lab	31.2675, -3.8562, -1.7848

# Details

The Hex color **4E5A60** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **60544E**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7F8C92**, and **212C32** is the 20% darker color. If you saturate the color by 10%, you get **445760**, and if you desaturate by 10%, it is **585D60**.

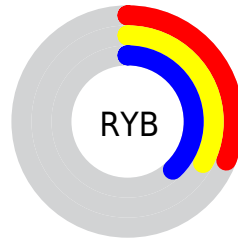
# Distribution



Red (31%)

Green (35%)

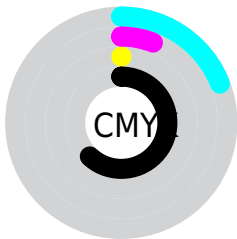
Blue (38%)



Red (31%)

Yellow (33%)

Blue (38%)

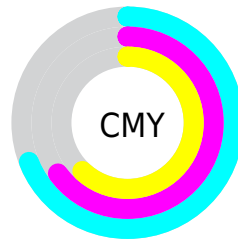


Cyan (19%)

Magenta (6%)

Yellow (0%)

Black (62%)



Cyan (69%)

Magenta (65%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E5A60 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 4E5A60 by changing the saturation by 10% instead.



■ 4E5A60

■ 4E5A60

FFFFFF

■ 374348

■ 7F8C92

■ 212C32

■ 99A6AD

■ 0C181D

■ B4C1C8

■ 000001

■ D0DDE4

■ 000000

■ ECFAFF

■ 4E5A60

■ 4E5A60

■ 445760

■ 585D60

■ 3B5460

■ 616060

■ 315060

■ 6B6460

■ 284D60

■ 746760

■ 1E4A60

■ 7E6A60

■ 144760

■ 886D60

■ 0B4460

■ 917060

■ 014060

■ 9B7460

■ 004060

■ A47760

# Harmonies

## Analogous

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



4C5B5C



4E5A60



535962

# Triad

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



4E5A60



625559



575950

# Complementary

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



4E5A60



60544E

# 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.



5D584F



4E5A60



635554

# Square

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



4E5A60



5E565D



615650



525A53

# Rectangle

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



4E5A60



575861



615650



59594F



# Sweetspot

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



4E5A60



757A7D



4E6054



3B3E40



BFBFBF



404040



# Same Dimension

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



4E5A60



60737D



4E5160



2C2F30



004B70



00A0F0



# Inverse Universe

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



604E5A



7D6073



605D4E



302C2F



70004B



F000A0



# Previews

## White Background



This preview shows how the Hex color 4E5A60 looks on a white background.

## Color Contrast Check

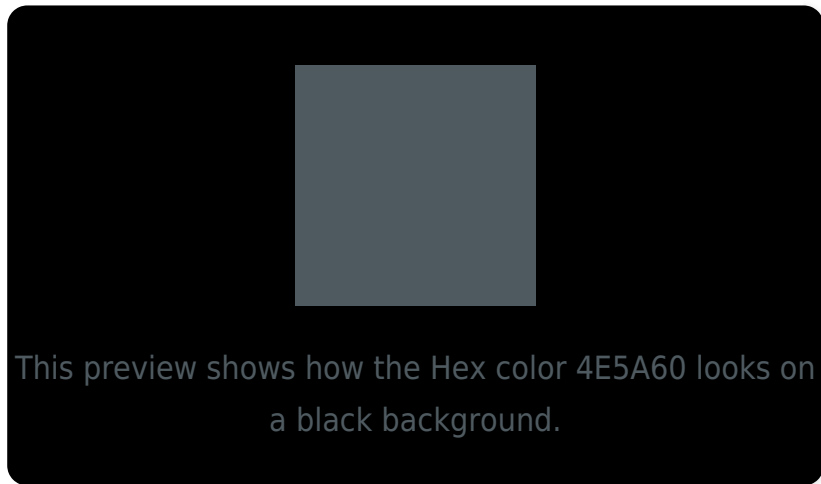
Large Text (above 18pt) WCAG AA ✓ Pass

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

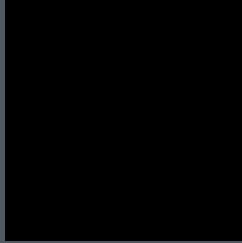
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

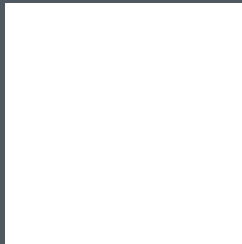
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4E5A60 Background



This preview shows how black text looks on a background with the Hex color 4E5A60.



This preview shows how white text looks on a background with the Hex color 4E5A60.

# 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](#).

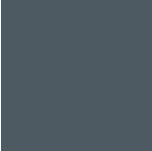
## Dichromacy



**Original Color**  
4E5A60

**Protanopia**  
58575E

**Deuteranopia**  
5C5661



**Tritanopia**  
4E5A61

# Trichromacy



**Original Color**  
4E5A60

**Protanomaly**  
54585F

**Deuteranomaly**  
575761

**Tritanomaly**  
4E5A61

# Monochromacy



**Original Color**  
4E5A60

**Achromatopsia**  
575757

**Achromatomaly**  
54585A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E5A60 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 #4E5A60 looks like.

```
.text, #text, p{  
    color:#4E5A60  
}
```

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 #4E5A60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E5A60
}
```

## Border

The CSS property to change the border of an element to Hex 4E5A60 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
#4E5A60 }
```

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

```
.border{ border-color:#4E5A60 }
```

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

Here you see how a box with a 4 pixel #4E5A60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E5A60; -webkit-box-shadow:4px 4px  
4px 4px #4E5A60; box-shadow:4px 4px 4px  
4px #4E5A60 }
```

# Background

The CSS property to change the background color of an element to Hex 4E5A60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E5A60 }
```

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

```
.background{ background-color:#4E5A60 }
```

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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