

# Converting Colors

Hex(4C5F57)

Have a look what the booklet for  
Hex(4C5F57) contains.

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# Color

Hex(4C5F57)

# Conversions

## Conversions Part 1

Format	Color
Hex	4C5F57
RGB	76, 95, 87
RGB Percent	30%, 37%, 34%
CMY	0.7020, 0.6275, 0.6588
CMYK	0.20, 0.00, 0.08, 0.63
HSL	155°, 11%, 34%
HSV	155°, 20%, 37%
XYZ	8.7930, 10.4090, 10.5625
YIQ	88.4070, -8.7560, -6.5160

# Conversions

## Conversions Part 2

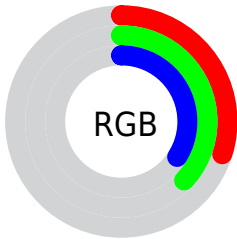
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 88, 95
Decimal	5005143
CIE Lab	38.57, -9.07, 2.18
CIE LCh	39, 9.325, 166.455
Yxy	10.4090, 0.2954, 0.3497
Android (android.graphics.Color)	4283195223 (0xFF4C5F57)
YUV	88.4070, -0.6937, -10.8809
Hunter-Lab	32.2630, -7.8118, 3.1733

# Details

The Hex color **4C5F57** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5F4C54**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7D9189**, and **1F312A** is the 20% darker color. If you saturate the color by 10%, you get **435F53**, and if you desaturate by 10%, it is **565F5B**.

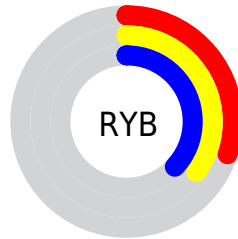
# Distribution



Red (30%)

Green (37%)

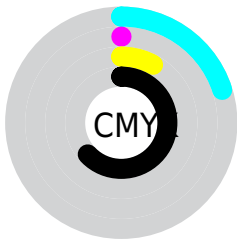
Blue (34%)



Red (30%)

Yellow (35%)

Blue (37%)

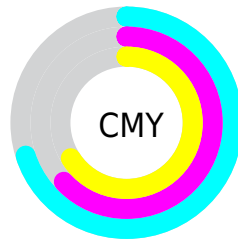


Cyan (20%)

Magenta (0%)

Yellow (8%)

Black (63%)



Cyan (70%)

Magenta (63%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C5F57 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 4C5F57 by changing the saturation by 10% instead.





4C5F57



4C5F57

FFFFFF



354740



7D9189



1F312A



97ACA3



0A1C15



B2C7BE



000000



CDE3DA



EAFFF6



4C5F57



4C5F57



435F53



565F5B



395F4F



5F5F5F

■ 305F4B

■ 695F63

■ 265F47

■ 725F67

■ 1D5F43

■ 7C5F6B

■ 135F3F

■ 855F6F

■ 095F3B

■ 8F5F73

■ 005F37

■ 985F77

■ A25F7B

# Harmonies

## Analogous

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



545E50



4C5F57



485F5F

# Triad

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



4C5F57



585A69



695750

# Complementary

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



4C5F57



5F4C54

# 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.



6B5657



4C5F57



615865

# Square

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



4C5F57



4F5D69



68565F



64594C

# Rectangle

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



4C5F57



475F63



68565F



6A5652



# Sweetspot

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



4C5F57



737A77



545F4C



393D3B



BDBDBD



3D3D3D



# Same Dimension

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



4C5F57



5D7A6E



4C5E5F



2C302E



007041



00F08B



# Inverse Universe

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



5F4C54



7A5D69



5F4D4C



302C2E



70002F



F00065



# Previews

## White Background



This preview shows how the Hex color 4C5F57 looks on a white background.

## Color Contrast Check

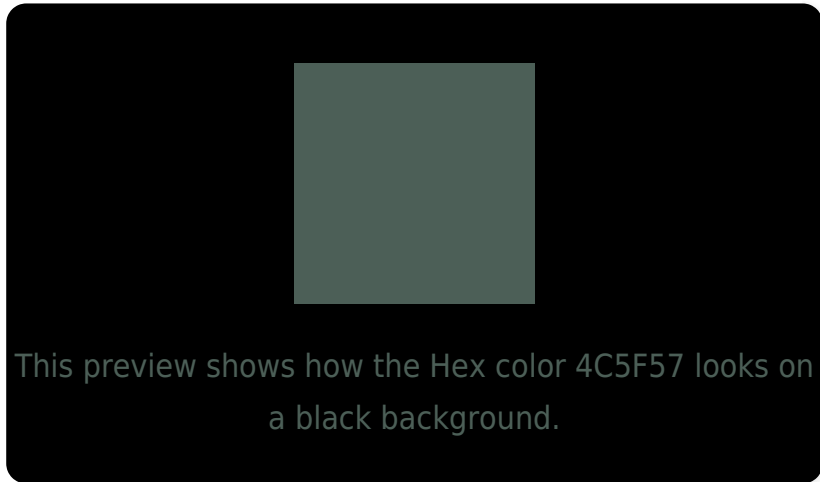
Large Text (above 18pt) WCAG AA ✓ Pass

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

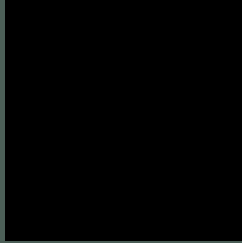
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C5F57 Background



This preview shows how black text looks on a background with the Hex color 4C5F57.



This preview shows how white text looks on a background with the Hex color 4C5F57.

# 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**  
4C5F57

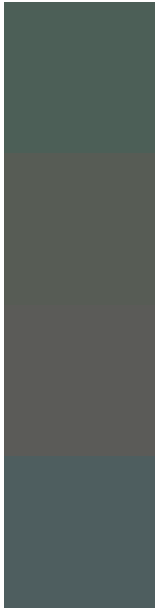
**Protanopia**  
5E5A54

**Deuteranopia**  
645859



**Tritanopia**  
4F5D64

# Trichromacy



**Original Color**  
4C5F57

**Protanomaly**  
575C55

**Deuteranomaly**  
5B5B58

**Tritanomaly**  
4E5E5F

# Monochromacy



**Original Color**  
4C5F57

**Achromatopsia**  
585858

**Achromatomaly**  
545B58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C5F57 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 #4C5F57 looks like.

```
.text, #text, p{  
    color:#4C5F57  
}
```

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 #4C5F57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5F57
}
```

## Border

The CSS property to change the border of an element to Hex 4C5F57 is called "border". The border property can be set on classes, ids or directly on the HTML element.

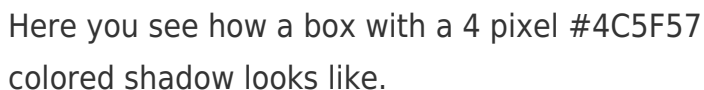
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C5F57 }
```

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

```
.border{ border-color:#4C5F57 }
```

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



Here you see how a box with a 4 pixel #4C5F57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5F57; -webkit-box-shadow:4px 4px  
4px 4px #4C5F57; box-shadow:4px 4px 4px  
4px #4C5F57 }
```

# Background

The CSS property to change the background color of an element to Hex 4C5F57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5F57 }
```

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

```
.background{ background-color:#4C5F57 }
```

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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