

# Converting Colors

Hex(4C5857)

Have a look what the booklet for  
Hex(4C5857) contains.

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# Color

Hex(4C5857)

# Conversions

## Conversions Part 1

Format	Color
Hex	4C5857
RGB	76, 88, 87
RGB Percent	30%, 35%, 34%
CMY	0.7020, 0.6549, 0.6588
CMYK	0.14, 0.00, 0.01, 0.65
HSL	175°, 7%, 32%
HSV	175°, 14%, 35%
XYZ	8.1905, 9.2041, 10.3617
YIQ	84.2980, -6.8310, -2.8550

# Conversions

## Conversions Part 2

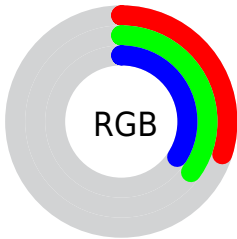
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 82, 88
Decimal	5003351
CIE Lab	36.37, -4.90, -1.01
CIE LCh	36, 5.006, 191.640
Yxy	9.2041, 0.2951, 0.3316
Android (android.graphics.Color)	4283193431 (0xFF4C5857)
YUV	84.2980, 1.3321, -7.2773
Hunter-Lab	30.3382, -4.9016, 0.9869

# Details

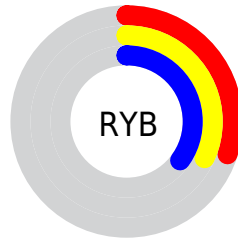
The Hex color **4C5857** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **584C4D**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7D8A89**, and **202B2A** is the 20% darker color. If you saturate the color by 10%, you get **435856**, and if you desaturate by 10%, it is **555858**.

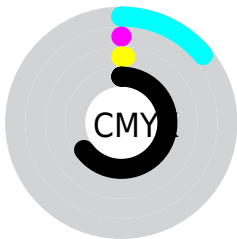
# Distribution



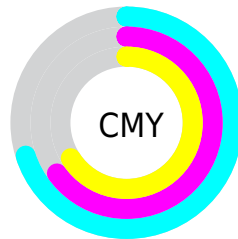
- Red (30%)
- Green (35%)
- Blue (34%)



- Red (30%)
- Yellow (32%)
- Blue (35%)



- Cyan (14%)
- Magenta (0%)
- Yellow (1%)
- Black (65%)



- Cyan (70%)
- Magenta (65%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C5857 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 4C5857 by changing the saturation by 10% instead.





4C5857



4C5857

FFFFFF



354140



7D8A89



202B2A



97A4A3



091615



B2BFBE



000000



CDDBDA



E9F8F6



4C5857



4C5857



435856



555858



3A5856



5E5858

■ 325855

■ 665859

■ 295854

■ 6F585A

■ 205853

■ 78585B

■ 175853

■ 81585B

■ 0E5852

■ 8A585C

■ 065851

■ 92585D

■ 005851

■ 9B585E

# Harmonies

## Analogous

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



4E5853



4C5857



4C585B

# Triad

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



4C5857



58545C



5B544E

# Complementary

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



4C5857



584C4D

# 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.



5E5350



4C5857



5C5358

# Square

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



4C5857



53555D



5E5354



57564E

# Rectangle

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



4C5857



4E575C



5E5354



5C544F



# Sweetspot

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



4C5857



6E7372



4D584C



383B3A



BABABA



3B3B3B



# Same Dimension

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



4C5857



607371



4C5358



272B2B



006B62



00EBD7



# Inverse Universe

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



584C4D



736062



58514C



2B2727



6B0009

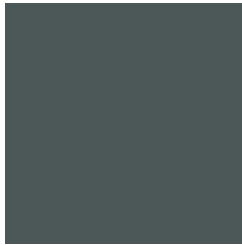


EB0014



# Previews

## White Background



This preview shows how the Hex color 4C5857 looks on a white background.

## Color Contrast Check

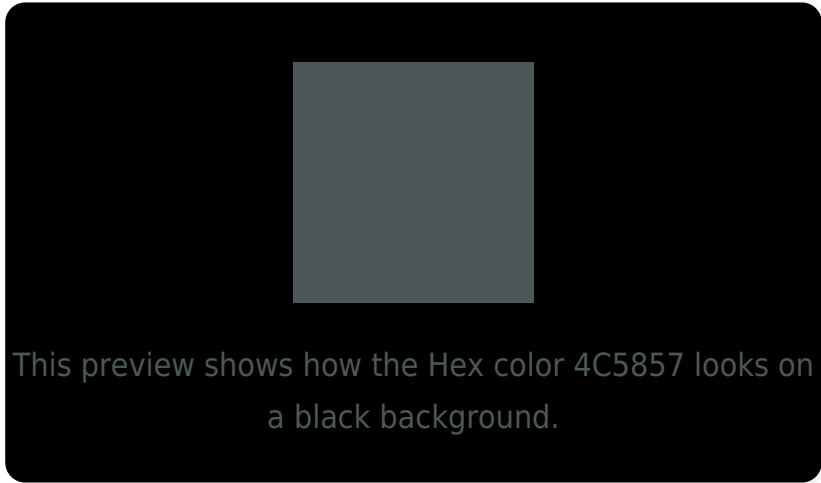
Large Text (above 18pt) WCAG AA ✓ Pass

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

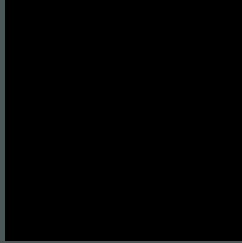
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C5857 Background



This preview shows how black text looks on a background with the Hex color 4C5857.



This preview shows how white text looks on a background with the Hex color 4C5857.

# 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**  
4C5857

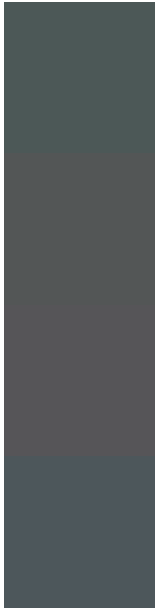
**Protanopia**  
575555

**Deuteranopia**  
5C5358



**Tritanopia**  
4D575E

# Trichromacy



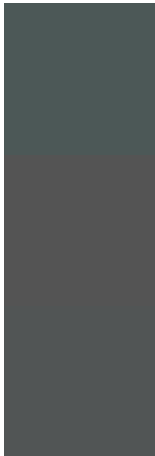
**Original Color**  
4C5857

**Protanomaly**  
535656

**Deuteranomaly**  
565558

**Tritanomaly**  
4D575B

# Monochromacy



**Original Color**  
4C5857

**Achromatopsia**  
545454

**Achromatomaly**  
515555

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C5857 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 #4C5857 looks like.

```
.text, #text, p{  
    color:#4C5857  
}
```

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 #4C5857 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5857
}
```

## Border

The CSS property to change the border of an element to Hex 4C5857 is called "border". The border property can be set on classes, ids or directly on the HTML element.

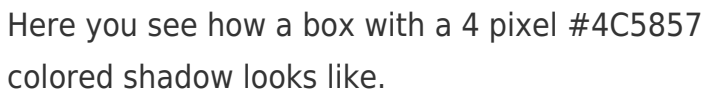
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C5857 }
```

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

```
.border{ border-color:#4C5857 }
```

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



Here you see how a box with a 4 pixel #4C5857 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5857; -webkit-box-shadow:4px 4px  
4px 4px #4C5857; box-shadow:4px 4px 4px  
4px #4C5857 }
```

# Background

The CSS property to change the background color of an element to Hex 4C5857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5857 }
```

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

```
.background{ background-color:#4C5857 }
```

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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