

# Converting Colors

Hex(4C5855)

Have a look what the booklet for  
Hex(4C5855) contains.

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# Color

Hex(4C5855)

# Conversions

## Conversions Part 1

Format	Color
Hex	4C5855
RGB	76, 88, 85
RGB Percent	30%, 35%, 33%
CMY	0.7020, 0.6549, 0.6667
CMYK	0.14, 0.00, 0.03, 0.65
HSL	165°, 7%, 32%
HSV	165°, 14%, 35%
XYZ	8.1099, 9.1718, 9.9372
YIQ	84.0700, -6.1890, -3.4770

# Conversions

## Conversions Part 2

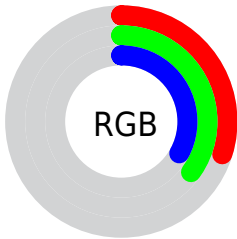
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 83, 88
Decimal	5003349
CIE Lab	36.31, -5.37, 0.15
CIE LCh	36, 5.368, 178.412
Yxy	9.1718, 0.2980, 0.3370
Android (android.graphics.Color)	4283193429 (0xFF4C5855)
YUV	84.0700, 0.4585, -7.0774
Hunter-Lab	30.2850, -5.1990, 1.7451

# Details

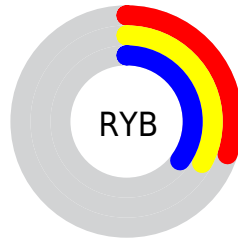
The Hex color **4C5855** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **584C4F**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7D8A87**, and **202B28** is the 20% darker color. If you saturate the color by 10%, you get **435853**, and if you desaturate by 10%, it is **555857**.

# Distribution



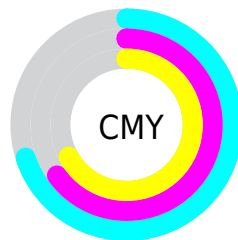
- Red (30%)
- Green (35%)
- Blue (33%)



- Red (30%)
- Yellow (33%)
- Blue (35%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (65%)



- Cyan (70%)
- Magenta (65%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C5855 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 4C5855 by changing the saturation by 10% instead.





4C5855



4C5855

FFFFFF



35413E



7D8A87



202B28



97A4A1



091614



B2BFBC



000000



CDDBD7



E9F8F4



4C5855



4C5855



435853



555857



3A5851



5E5859

■ 32584E

■ 66585C

■ 29584C

■ 6F585E

■ 20584A

■ 785860

■ 175848

■ 815862

■ 0E5846

■ 8A5864

■ 065843

■ 925867

■ 005842

■ 9B5869

# Harmonies

## Analogous

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



505751



4C5855



4B5859

# Triad

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



4C5855



56545D



5D544E

# Complementary

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



4C5855



584C4F

# 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.



5F5351



4C5855



5B535A

# Square

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



4C5855



51565E



5E5356



59554D

# Rectangle

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



4C5855



4C575C



5E5356



5E534F



# Sweetspot

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



4C5855



6E7372



4F584C



383B3A



BABABA



3B3B3B



# Same Dimension

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



4C5855



60736E



4C5558



272B2A



006B50



00EBB0



# Inverse Universe

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



584C4F



736065



584F4C



2B2728



6B001B



EB003B



# Previews

## White Background



This preview shows how the Hex color 4C5855 looks on a white background.

## Color Contrast Check

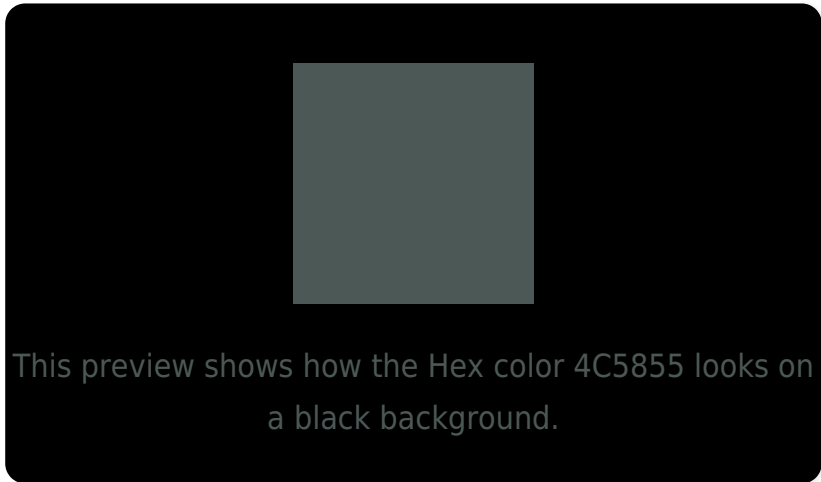
Large Text (above 18pt) WCAG AA ✓ Pass

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

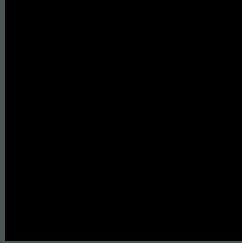
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

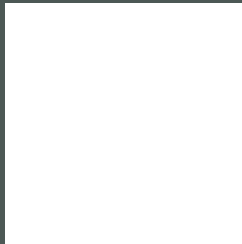
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4C5855 Background



This preview shows how black text looks on a background with the Hex color 4C5855.

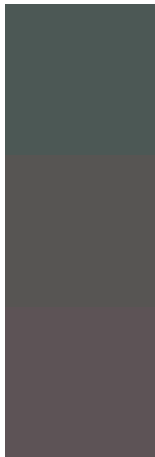


This preview shows how white text looks on a background with the Hex color 4C5855.

# 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**  
4C5855

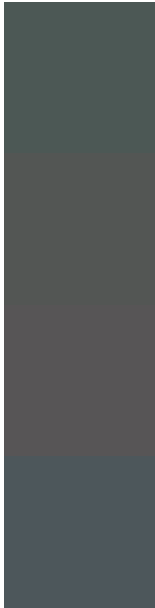
**Protanopia**  
575553

**Deuteranopia**  
5D5356



**Tritanopia**  
4E575E

# Trichromacy



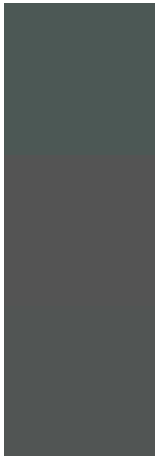
**Original Color**  
4C5855

**Protanomaly**  
535654

**Deuteranomaly**  
575556

**Tritanomaly**  
4D575B

# Monochromacy



**Original Color**  
4C5855

**Achromatopsia**  
545454

**Achromatomaly**  
515554

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C5855 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 #4C5855 looks like.

```
.text, #text, p{  
    color:#4C5855  
}
```

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 #4C5855 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5855  
}
```

## Border

The CSS property to change the border of an element to Hex 4C5855 is called "border". The border property can be set on classes, ids or directly on the HTML element.

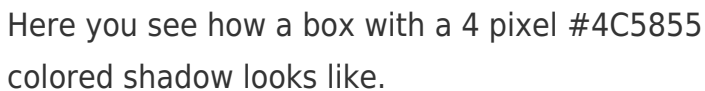
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4C5855 }
```

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

```
.border{ border-color:#4C5855 }
```

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



Here you see how a box with a 4 pixel #4C5855 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5855; -webkit-box-shadow:4px 4px  
4px 4px #4C5855; box-shadow:4px 4px 4px  
4px #4C5855 }
```

# Background

The CSS property to change the background color of an element to Hex 4C5855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5855 }
```

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

```
.background{ background-color:#4C5855 }
```

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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