

Converting Colors

Hex(4C5851)

Have a look what the booklet for
Hex(4C5851) contains.

Hex(4C5851)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4C5851)

Conversions

Conversions Part 1

Format	Color
Hex	4C5851
RGB	76, 88, 81
RGB Percent	30%, 35%, 32%
CMY	0.7020, 0.6549, 0.6824
CMYK	0.14, 0.00, 0.08, 0.65
HSL	145°, 7%, 32%
HSV	145°, 14%, 35%
XYZ	7.9554, 9.1100, 9.1237
YIQ	83.6140, -4.9050, -4.7210

Conversions

Conversions Part 2

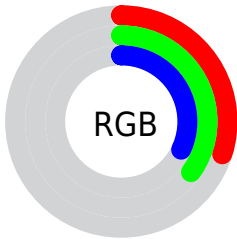
Format	Color
R_YB	76, 84, 88
Decimal	5003345
CIE Lab	36.20, -6.26, 2.47
CIE LCh	36, 6.735, 158.457
Yxy	9.1100, 0.3038, 0.3479
Android (android.graphics.Color)	4283193425 (0xFF4C5851)
YUV	83.6140, -1.2887, -6.6775
Hunter-Lab	30.1828, -5.7719, 3.2057

Details

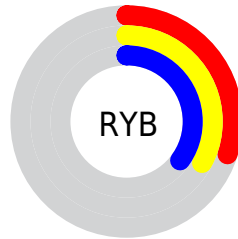
The Hex color **4C5851** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **584C53**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7D8A82**, and **202B25** is the 20% darker color. If you saturate the color by 10%, you get **43584C**, and if you desaturate by 10%, it is **555856**.

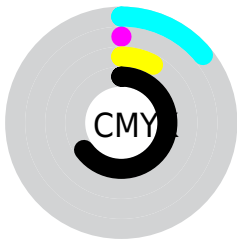
Distribution



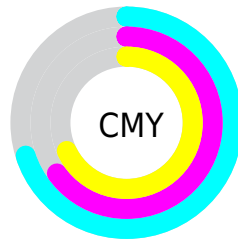
- Red (30%)
- Green (35%)
- Blue (32%)



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



- Cyan (14%)
- Magenta (0%)
- Yellow (8%)
- Black (65%)



- Cyan (70%)
- Magenta (65%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C5851 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 4C5851 by changing the saturation by 10% instead.



4C5851



4C5851

FFFFFF



35413A



7D8A82



202B25



97A49C



09160F



B2BFB7



000000



CDDBD3



E9F8EF



4C5851



4C5851



43584C



555856



3A5847



5E585B

■ 325842

■ 665860

■ 29583C

■ 6F5866

■ 205837

■ 78586B

■ 175832

■ 815870

■ 0E582D

■ 8A5875

■ 065828

■ 92587A

■ 005825

■ 9B587F

Harmonies

Analogous

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



52574D



4C5851



485856

Triad

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



4C5851



515560



60524F

Complementary

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



4C5851



584C53

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.



615154



4C5851



58535E

Square

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



4C5851



4B575F



5E5259



5D534B

Rectangle

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



4C5851



48585A



5E5259



615250

Sweetspot

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



4C5851



6E7370



53584C



383B39



BABABA



3B3B3B

Same Dimension

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



4C5851



607368



4C5857



272B29



006B2D



00EB62

Inverse Universe

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



584C53



73606B



584C4D



2B272A



6B003E



EB0089

Previews

White Background



This preview shows how the Hex color 4C5851 looks on a white background.

Color Contrast Check

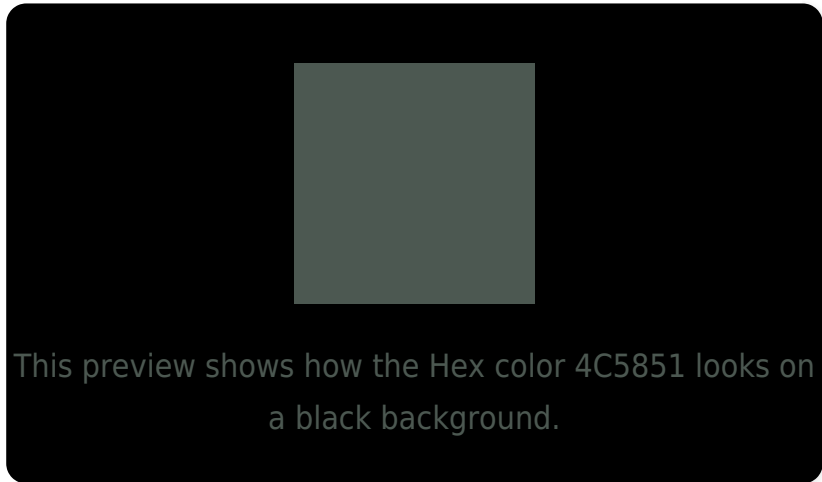
Large Text (above 18pt) WCAG AA ✓ Pass

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

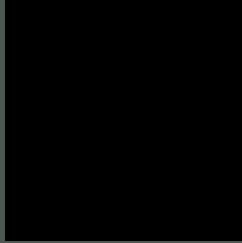
Any Text WCAG AA × Fail

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 4C5851 Background



This preview shows how black text looks on a background with the Hex color 4C5851.



This preview shows how white text looks on a background with the Hex color 4C5851.

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](#).

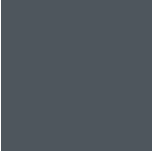
Dichromacy



Original Color
4C5851

Protanopia
58554F

Deuteranopia
5E5252



Tritanopia
4E565D

Trichromacy



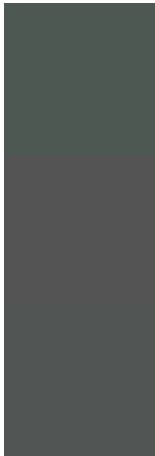
Original Color
4C5851

Protanomaly
545650

Deuteranomaly
575452

Tritanomaly
4D5759

Monochromacy



Original Color
4C5851

Achromatopsia
545454

Achromatomaly
515553

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C5851 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 #4C5851 looks like.

```
.text, #text, p{  
    color:#4C5851  
}
```

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 #4C5851 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5851
}
```

Border

The CSS property to change the border of an element to Hex 4C5851 is called "border". The border property can be set on classes, ids or directly on the HTML element.

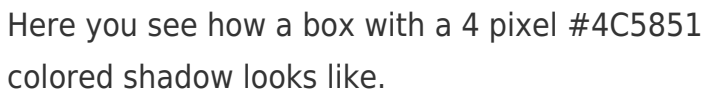
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C5851 }
```

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

```
.border{ border-color:#4C5851 }
```

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



Here you see how a box with a 4 pixel #4C5851 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5851; -webkit-box-shadow:4px 4px  
4px 4px #4C5851; box-shadow:4px 4px 4px  
4px #4C5851 }
```

Background

The CSS property to change the background color of an element to Hex 4C5851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5851 }
```

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

```
.background{ background-color:#4C5851 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor