

Converting Colors

Hex(4C5A57)

Have a look what the booklet for
Hex(4C5A57) contains.

Hex(4C5A57)	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(4C5A57)

Conversions

Conversions Part 1

Format	Color
Hex	4C5A57
RGB	76, 90, 87
RGB Percent	30%, 35%, 34%
CMY	0.7020, 0.6471, 0.6588
CMYK	0.16, 0.00, 0.03, 0.65
HSL	167°, 8%, 33%
HSV	167°, 16%, 35%
XYZ	8.3570, 9.5369, 10.4172
YIQ	85.4720, -7.3810, -3.9010

Conversions

Conversions Part 2

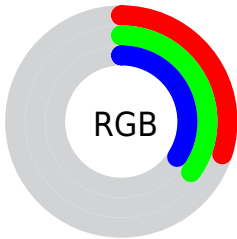
Format	Color
R_{YB}	76, 84, 90
Decimal	5003863
CIE _{Lab}	37.00, -6.11, -0.10
CIE _{LCh}	37, 6.107, 180.909
Yxy	9.5369, 0.2952, 0.3369
Android (android.graphics.Color)	4283193943 (0xFF4C5A57)
YUV	85.4720, 0.7533, -8.3069
Hunter-Lab	30.8819, -5.7396, 1.6175

Details

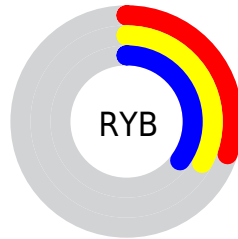
The Hex color **4C5A57** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5A4C4F**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **7D8C89**, and **202C2A** is the 20% darker color. If you saturate the color by 10%, you get **435A55**, and if you desaturate by 10%, it is **555A59**.

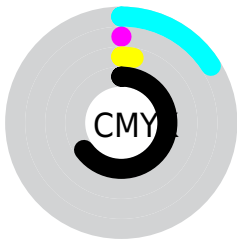
Distribution



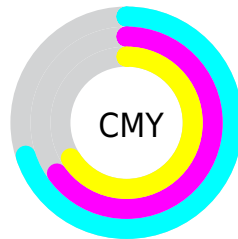
- Red (30%)
- Green (35%)
- Blue (34%)



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



- Cyan (16%)
- Magenta (0%)
- Yellow (3%)
- Black (65%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 4C5A57 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 4C5A57 by changing the saturation by 10% instead.

■ 4C5A57

■ 4C5A57

FFFFFF

■ 354340

■ 7D8C89

■ 202C2A

■ 97A6A3

■ 091815

■ B2C2BE

■ 000000

■ CDDDDA

■ E9FAF6

■ 4C5A57

■ 4C5A57

■ 435A55

■ 555A59

■ 3A5A53

■ 5E5A5B

■ 315A51

■ 675A5D

■ 285A4F

■ 705A5F

■ 1F5A4D

■ 795A61

■ 165A4B

■ 825A63

■ 0D5A4A

■ 8B5A65

■ 045A48

■ 945A66

■ 005A47

■ 9D5A68

Harmonies

Analogous

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



505952



4C5A57



4B5A5C

Triad

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



4C5A57



58565F



5F554F

Complementary

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



4C5A57



5A4C4F

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.



625452



4C5A57



5E545C

Square

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



4C5A57



525761



615457



5B574D

Rectangle

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



4C5A57



4C595E



615457



605550

Sweetspot

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



4C5A57



6F7574



4F5A4C



373B3A



BABABA



3B3B3B

Same Dimension

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



4C5A57



5F7571



4C565A



292E2D



006E56



00EDBA

Inverse Universe

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



5A4C4F



755F64



5A504C



2E292A



6E0017



ED0033

Previews

White Background



This preview shows how the Hex color 4C5A57 looks on a white background.

Color Contrast Check

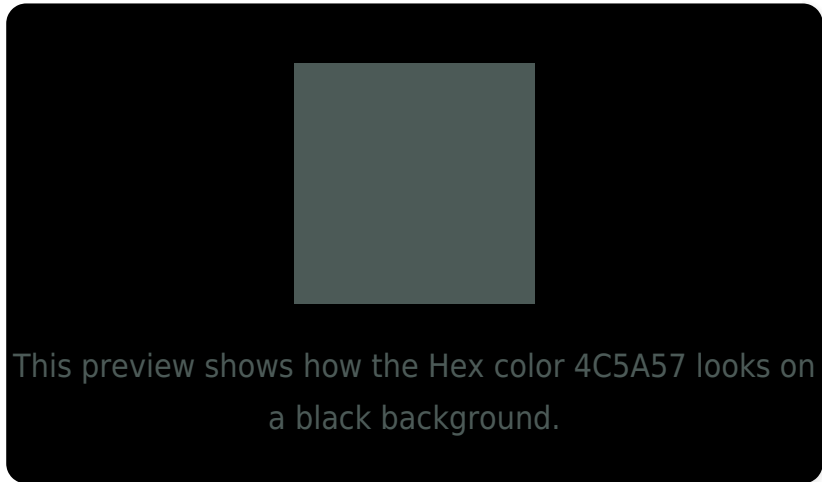
Large Text (above 18pt) WCAG AA ✓ Pass

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

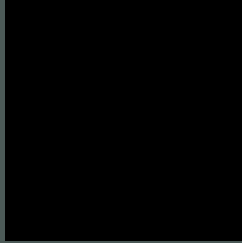
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

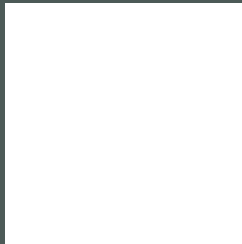
Any Text WCAG AAA × Fail

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

Hex 4C5A57 Background



This preview shows how black text looks on a background with the Hex color 4C5A57.



This preview shows how white text looks on a background with the Hex color 4C5A57.

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
4C5A57

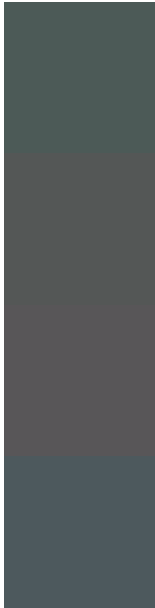
Protanopia
595655

Deuteranopia
5F5458



Tritanopia
4E5960

Trichromacy



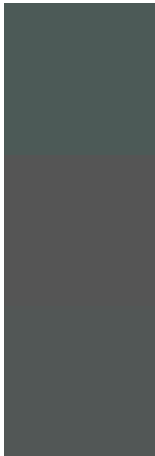
Original Color
4C5A57

Protanomaly
545756

Deuteranomaly
585658

Tritanomaly
4D595D

Monochromacy



Original Color
4C5A57

Achromatopsia
555555

Achromatomaly
525756

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C5A57 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 #4C5A57 looks like.

```
.text, #text, p{  
    color:#4C5A57  
}
```

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 #4C5A57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5A57
}
```

Border

The CSS property to change the border of an element to Hex 4C5A57 is called "border". The border property can be set on classes, ids or directly on the HTML element.

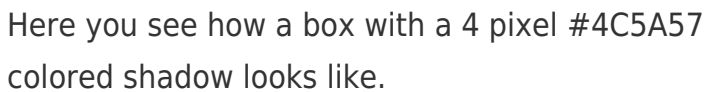
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C5A57 }
```

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

```
.border{ border-color:#4C5A57 }
```

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



Here you see how a box with a 4 pixel #4C5A57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5A57; -webkit-box-shadow:4px 4px  
4px 4px #4C5A57; box-shadow:4px 4px 4px  
4px #4C5A57 }
```

Background

The CSS property to change the background color of an element to Hex 4C5A57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5A57 }
```

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

```
.background{ background-color:#4C5A57 }
```

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