

Converting Colors

Hex(4C5B53)

Have a look what the booklet for
Hex(4C5B53) contains.

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Color

Hex(4C5B53)

Conversions

Conversions Part 1

Format	Color
Hex	4C5B53
RGB	76, 91, 83
RGB Percent	30%, 36%, 33%
CMY	0.7020, 0.6431, 0.6745
CMYK	0.16, 0.00, 0.09, 0.64
HSL	148°, 9%, 33%
HSV	148°, 16%, 36%
XYZ	8.2829, 9.6432, 9.6084
YIQ	85.6030, -6.3720, -5.6680

Conversions

Conversions Part 2

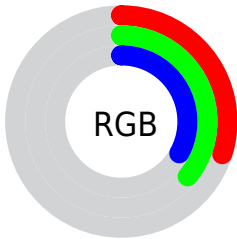
Format	Color
R_{YB}	76, 86, 91
Decimal	5004115
CIE Lab	37.19, -7.61, 2.67
CIE LCh	37, 8.066, 160.649
Yxy	9.6432, 0.3008, 0.3502
Android (android.graphics.Color)	4283194195 (0xFF4C5B53)
YUV	85.6030, -1.2833, -8.4218
Hunter-Lab	31.0535, -6.7323, 3.3923

Details

The Hex color **4C5B53** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5B4C54**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **7D8D84**, and **202D26** is the 20% darker color. If you saturate the color by 10%, you get **435B4E**, and if you desaturate by 10%, it is **555B58**.

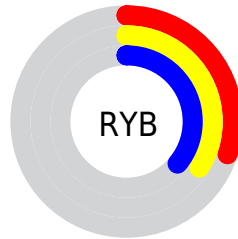
Distribution



Red (30%)

Green (36%)

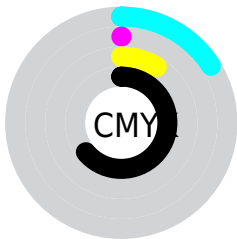
Blue (33%)



Red (30%)

Yellow (34%)

Blue (36%)

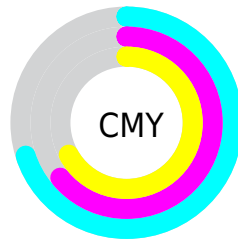


Cyan (16%)

Magenta (0%)

Yellow (9%)

Black (64%)



Cyan (70%)

Magenta (64%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C5B53 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 4C5B53 by changing the saturation by 10% instead.



4C5B53



4C5B53

FFFFFF



35443C



7D8D84



202D26



97A89F



091912



B2C3B9



000000



CDDFD5



E9FBF1



4C5B53



4C5B53



435B4E



555B58



3A5B49



5E5B5D

■ 315B44

■ 675B62

■ 285B40

■ 705B66

■ 1F5B3B

■ 7A5B6B

■ 155B36

■ 835B70

■ 0C5B31

■ 8C5B75

■ 035B2C

■ 955B7A

■ 005B2A

■ 9E5B7F

Harmonies

Analogous

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



535A4E



4C5B53



485B5A

Triad

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



4C5B53



535764



65544F

Complementary

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



4C5B53



5B4C54

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.



655355



4C5B53



5C5561

Square

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



4C5B53



4C5964



62545C



61564B

Rectangle

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



4C5B53



475B5E



62545C



655351

Sweetspot

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



4C5B53



6F7572



545B4C



373B39



BABABA



3B3B3B

Same Dimension

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



4C5B53



5E7569



4C5B5B



292E2B



006E33



00ED6F

Inverse Universe

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



5B4C54



755E6A



5B4C4D



2E292C



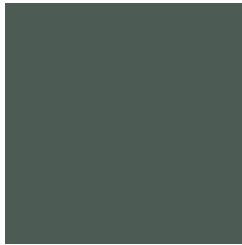
6E003A



ED007E

Previews

White Background



This preview shows how the Hex color 4C5B53 looks on a white background.

Color Contrast Check

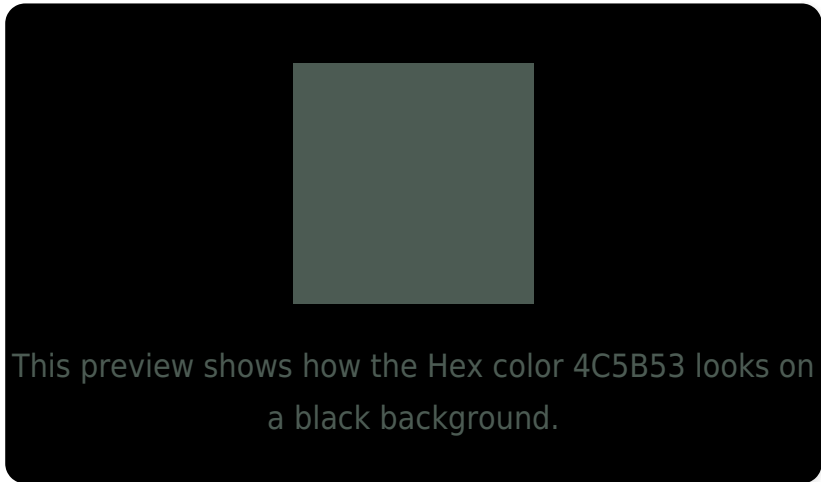
Large Text (above 18pt) WCAG AA ✓ Pass

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

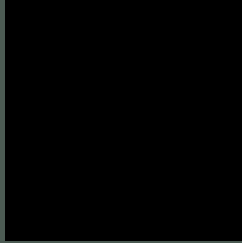
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

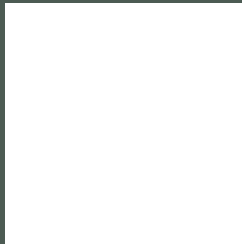
Any Text WCAG AAA × Fail

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

Hex 4C5B53 Background



This preview shows how black text looks on a background with the Hex color 4C5B53.



This preview shows how white text looks on a background with the Hex color 4C5B53.

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
4C5B53

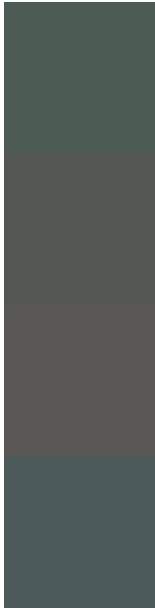
Protanopia
5A5751

Deuteranopia
615454



Tritanopia
4E5960

Trichromacy



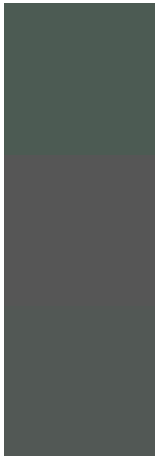
Original Color
4C5B53

Protanomaly
555852

Deuteranomaly
595754

Tritanomaly
4D5A5B

Monochromacy



Original Color
4C5B53

Achromatopsia
565656

Achromatomaly
525855

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C5B53 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 #4C5B53 looks like.

```
.text, #text, p{  
    color:#4C5B53  
}
```

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 #4C5B53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5B53
}
```

Border

The CSS property to change the border of an element to Hex 4C5B53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

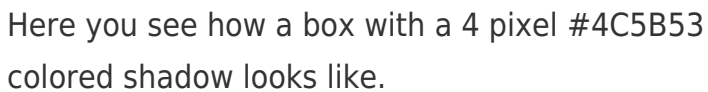
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C5B53 }
```

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

```
.border{ border-color:#4C5B53 }
```

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



Here you see how a box with a 4 pixel #4C5B53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5B53; -webkit-box-shadow:4px 4px  
4px 4px #4C5B53; box-shadow:4px 4px 4px  
4px #4C5B53 }
```

Background

The CSS property to change the background color of an element to Hex 4C5B53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5B53 }
```

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

```
.background{ background-color:#4C5B53 }
```

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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