

Converting Colors

Hex(4D5E50)

Have a look what the booklet for
Hex(4D5E50) contains.

Hex(4D5E50)	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(4D5E50)

Conversions

Conversions Part 1

Format	Color
Hex	4D5E50
RGB	77, 94, 80
RGB Percent	30%, 37%, 31%
CMY	0.6980, 0.6314, 0.6863
CMYK	0.18, 0.00, 0.15, 0.63
HSL	131°, 10%, 34%
HSV	131°, 18%, 37%
XYZ	8.5112, 10.1624, 9.1024
YIQ	87.3210, -5.6380, -7.9580

Conversions

Conversions Part 2

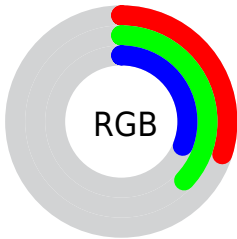
Format	Color
RYB	77, 91, 94
Decimal	5070416
CIELab	38.13, -9.63, 5.88
CIELCh	38, 11.288, 148.599
Yxy	10.1624, 0.3064, 0.3659
Android (android.graphics.Color)	4283260496 (0xFF4D5E50)
YUV	87.3210, -3.6093, -9.0515
Hunter-Lab	31.8785, -8.1296, 5.3857

Details

The Hex color **4D5E50** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5E4D5B**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7E9081**, and **203024** is the 20% darker color. If you saturate the color by 10%, you get **445E48**, and if you desaturate by 10%, it is **565E58**.

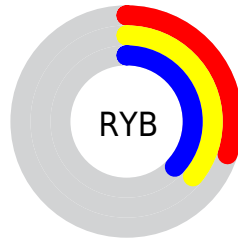
Distribution



Red (30%)

Green (37%)

Blue (31%)



Red (30%)

Yellow (36%)

Blue (37%)

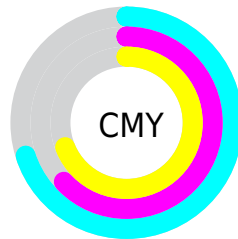


Cyan (18%)

Magenta (0%)

Yellow (15%)

Black (63%)



Cyan (70%)

Magenta (63%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D5E50 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 4D5E50 by changing the saturation by 10% instead.

 4D5E50

 4D5E50

FFFFFF

 364639

 7E9081

 203024

 98AB9B

 0B1B0E

 B3C6B6

 000000

 CEE2D2

 EBFEE

 4D5E50

 4D5E50

 445E48

 565E58

 3A5E41

 605E5F

■ 315E39

■ 695E67

■ 275E31

■ 735E6F

■ 1E5E29

■ 7C5E77

■ 155E22

■ 855E7E

■ 0B5E1A

■ 8F5E86

■ 025E12

■ 985E8E

■ 005E11

■ A25E96

Harmonies

Analogous

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



575C4A



4D5E50



455F59

Triad

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



4D5E50



4F5B6C



6D5451

Complementary

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



4D5E50



5E4D5B

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.



6C535B



4D5E50



5B586A

Square

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



4D5E50



455D69



655563



69564A

Rectangle

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



4D5E50



425F5F



655563



6D5454

Sweetspot

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



4D5E50



747A75



5B5E4D



3A3D3A



BDBDBD



3D3D3D

Same Dimension

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



4D5E50



5F7A64



4D5E58



292E2A



006E13



00ED2A

Inverse Universe

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



5E4D5B



7A5F76



5E4D53



2E292D



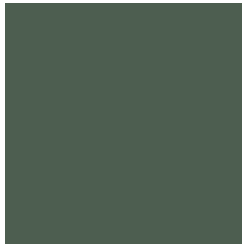
6E005A



ED00C3

Previews

White Background



This preview shows how the Hex color 4D5E50 looks on a white background.

Color Contrast Check

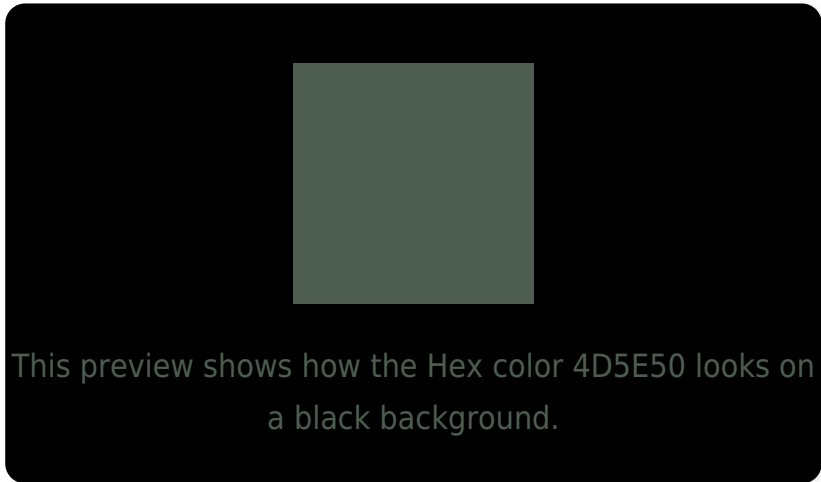
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

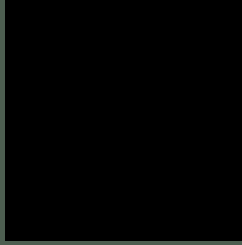
Any Text WCAG AA × Fail

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 4D5E50 Background



This preview shows how black text looks on a background with the Hex color 4D5E50.

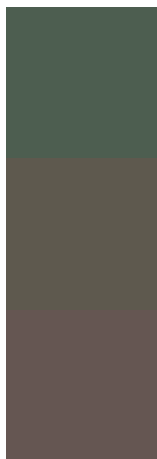


This preview shows how white text looks on a background with the Hex color 4D5E50.

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
4D5E50

Protanopia
5E594E

Deuteranopia
655652



Tritanopia
505B63

Trichromacy



Original Color

4D5E50

Protanomaly

585B4F

Deuteranomaly

5C5951

Tritanomaly

4F5C5C

Monochromacy



Original Color

4D5E50

Achromatopsia

575757

Achromatomaly

535A54

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D5E50 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 #4D5E50 looks like.

```
.text, #text, p{  
    color:#4D5E50  
}
```

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 #4D5E50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D5E50
}
```

Border

The CSS property to change the border of an element to Hex 4D5E50 is called "border". The border property can be set on classes, ids or directly on the HTML element.

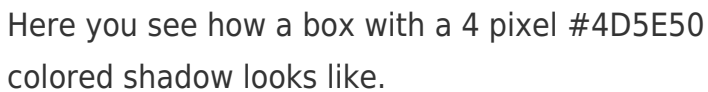
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D5E50 }
```

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

```
.border{ border-color:#4D5E50 }
```

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



Here you see how a box with a 4 pixel #4D5E50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D5E50; -webkit-box-shadow:4px 4px  
4px 4px #4D5E50; box-shadow:4px 4px 4px  
4px #4D5E50 }
```

Background

The CSS property to change the background color of an element to Hex 4D5E50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D5E50 }
```

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

```
.background{ background-color:#4D5E50 }
```

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