

# Converting Colors

Hex(4D5B45)

Have a look what the booklet for  
Hex(4D5B45) contains.

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# Color

Hex(4D5B45)

# Conversions

## Conversions Part 1

Format	Color
Hex	4D5B45
RGB	77, 91, 69
RGB Percent	30%, 36%, 27%
CMY	0.6980, 0.6431, 0.7294
CMYK	0.15, 0.00, 0.24, 0.64
HSL	98°, 14%, 31%
HSV	98°, 24%, 36%
XYZ	7.8758, 9.4896, 7.0468
YIQ	84.3060, -1.2820, -9.8100

# Conversions

## Conversions Part 2

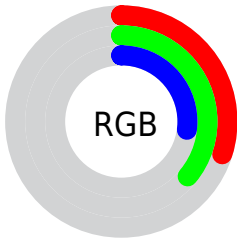
Format	Color
<b>RYB</b>	69, 91, 83
Decimal	5069637
CIELab	36.91, -10.08, 10.93
CIELCh	37, 14.865, 132.690
Yxy	9.4896, 0.3226, 0.3887
Android (android.graphics.Color)	4283259717 (0xFF4D5B45)
YUV	84.3060, -7.5459, -6.4074
Hunter-Lab	30.8052, -8.2729, 8.0009

# Details

The Hex color **4D5B45** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **53455B**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7E8D75**, and **202D1A** is the 20% darker color. If you saturate the color by 10%, you get **475B3C**, and if you desaturate by 10%, it is **535B4E**.

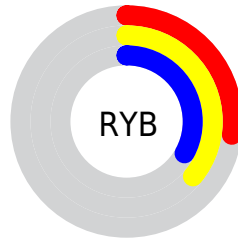
# Distribution



Red (30%)

Green (36%)

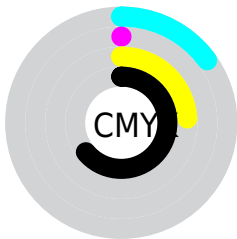
Blue (27%)



Red (27%)

Yellow (36%)

Blue (33%)

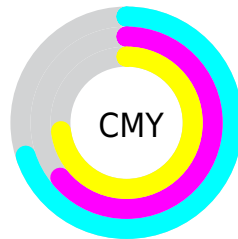


Cyan (15%)

Magenta (0%)

Yellow (24%)

Black (64%)



Cyan (70%)

Magenta (64%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D5B45 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 4D5B45 by changing the saturation by 10% instead.





4D5B45



4D5B45

FFFFFF



36442F



7E8D75



202D1A



98A88F



0B1900



B3C3A9



000000



CFDFC5



EBFBE1

FFFFFFD



4D5B45



4D5B45



475B3C



535B4E

■ 415B33

■ 595B57

■ 3C5B2A

■ 5E5B60

■ 365B21

■ 645B69

■ 305B17

■ 6A5B73

■ 2A5B0E

■ 705B7C

■ 245B05

■ 765B85

■ 215B00

■ 7B5B8E

■ 815B97

# Harmonies

## Analogous

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



5A583F



4D5B45



405D4F

# Triad

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



4D5B45



3F5A6D



6F4E52

# Complementary

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



4D5B45



53455B

# 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.



6A4F5E



4D5B45



4F566E

# Square

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



4D5B45



355D67



5F5268



6D5047

# Rectangle

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



4D5B45



395E58



5F5268



6E4E56



# Sweetspot

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



4D5B45



70756D



5B5345



383B36



BABABA



3B3B3B



# Same Dimension

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



4D5B45



607553



455B48



2B2E29



286E00



56ED00



# Inverse Universe

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



53455B



695375



5B4558



2C292E



46006E



9700ED



# Previews

## White Background



This preview shows how the Hex color 4D5B45 looks on a white background.

## Color Contrast Check

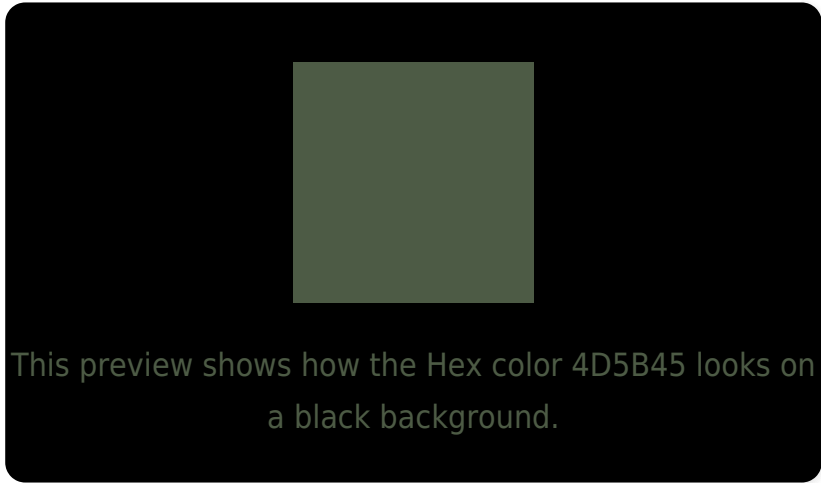
Large Text (above 18pt) WCAG AA ✓ Pass

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

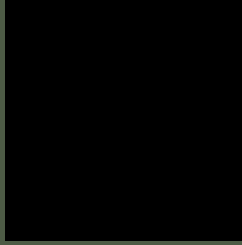
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D5B45 Background



This preview shows how black text looks on a background with the Hex color 4D5B45.



This preview shows how white text looks on a background with the Hex color 4D5B45.

# 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**  
4D5B45

**Protanopia**  
5C5743

**Deuteranopia**  
655347



**Tritanopia**  
51585F

# Trichromacy



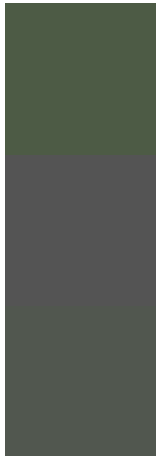
**Original Color**  
4D5B45

**Protanomaly**  
575844

**Deuteranomaly**  
5C5646

**Tritanomaly**  
505956

# Monochromacy



**Original Color**  
4D5B45

**Achromatopsia**  
545454

**Achromatomaly**  
51574F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D5B45 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 #4D5B45 looks like.

```
.text, #text, p{  
    color:#4D5B45  
}
```

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 #4D5B45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D5B45  
}
```

## Border

The CSS property to change the border of an element to Hex 4D5B45 is called "border". The border property can be set on classes, ids or directly on the HTML element.

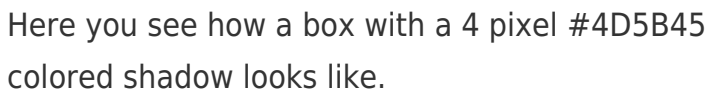
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4D5B45 }
```

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

```
.border{ border-color:#4D5B45 }
```

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



Here you see how a box with a 4 pixel #4D5B45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D5B45; -webkit-box-shadow:4px 4px  
4px 4px #4D5B45; box-shadow:4px 4px 4px  
4px #4D5B45 }
```

# Background

The CSS property to change the background color of an element to Hex 4D5B45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D5B45 }
```

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

```
.background{ background-color:#4D5B45 }
```

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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