

# Converting Colors

Hex(45534D)

Have a look what the booklet for  
Hex(45534D) contains.

|  |    |
|--|----|
| <b>Hex(45534D)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

Hex(45534D)

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 45534D                    |
| RGB         | 69, 83, 77                |
| RGB Percent | 27%, 33%, 30%             |
| CMY         | 0.7294, 0.6745, 0.6980    |
| CMYK        | 0.17, 0.00, 0.07, 0.67    |
| HSL         | 154°, 9%, 30%             |
| HSV         | 154°, 17%, 33%            |
| XYZ         | 6.8871, 7.9875, 8.1999    |
| YIQ         | 78.1300, -6.4180, -4.8340 |

# Conversions

## Conversions Part 2

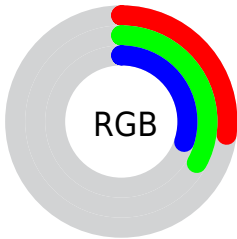
| Format                              | Color                        |
|-------------------------------------|------------------------------|
| <b>RYB</b>                          | 69, 78, 83                   |
| Decimal                             | 4543309                      |
| CIELab                              | 33.96, -6.88, 1.67           |
| CIELCh                              | 34, 7.082, 166.332           |
| Yxy                                 | 7.9875, 0.2985,<br>0.3462    |
| Android<br>(android.graphics.Color) | 4282733389<br>(0xFF45534D)   |
| YUV                                 | 78.1300, -0.5571,<br>-8.0070 |
| Hunter-Lab                          | 28.2622, -5.9613,<br>2.5813  |

# Details

The Hex color **45534D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **53454B**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **75847E**, and **1A2621** is the 20% darker color. If you saturate the color by 10%, you get **3D5349**, and if you desaturate by 10%, it is **4D5351**.

# Distribution



Red (27%)

Green (33%)

Blue (30%)



Red (27%)

Yellow (31%)

Blue (33%)

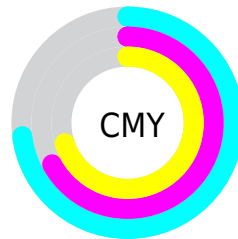


Cyan (17%)

Magenta (0%)

Yellow (7%)

Black (67%)



Cyan (73%)

Magenta (67%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 45534D 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 45534D by changing the saturation by 10% instead.





45534D



45534D

FFFFFF



2F3C36



75847E



1A2621



8F9F98



00120A



A9BAB2



000000



C5D5CE



E1F2EA

FDFFFF



45534D



45534D



3D5349



4D5351

■ 345346

■ 565354

■ 2C5342

■ 5E5358

■ 24533F

■ 66535B

■ 1B533B

■ 6E535F

■ 135338

■ 775362

■ 0B5334

■ 7F5366

■ 035331

■ 875369

■ 00532F

■ 90536D

# Harmonies

## Analogous

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



4B5248



45534D



425353

# Triad

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



45534D



4E4F5B



5B4D48

# Complementary

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



45534D



53454B

# 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.



5C4C4D



45534D



554D58

# Square

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



45534D



47515B



5A4C53



574F45

# Rectangle

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



45534D



425356



5A4C53



5C4D49



# Sweetspot

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



45534D



666B69



4B5345



323634



B5B5B5



363636



# Same Dimension

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



45534D



566B62



455253



252927



00693C



00E885



# Inverse Universe

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



53454B



6B565F



534645



292526



69002D

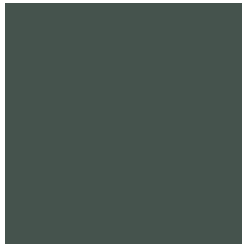


E80063



# Previews

## White Background



This preview shows how the Hex color 45534D looks on a white background.

## Color Contrast Check

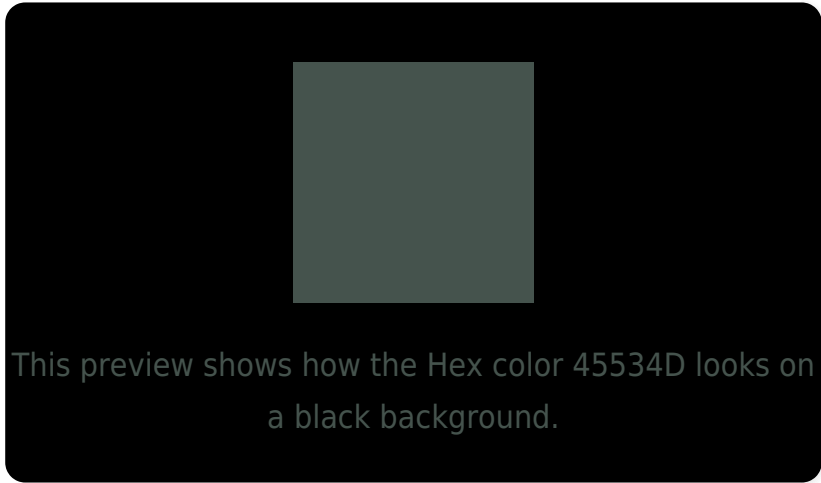
Large Text (above 18pt) WCAG AA ✓ Pass

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

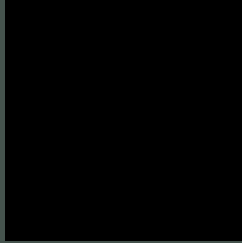
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

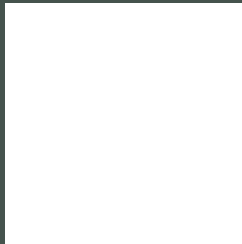
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 45534D Background



This preview shows how black text looks on a background with the Hex color 45534D.



This preview shows how white text looks on a background with the Hex color 45534D.

# 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**  
45534D

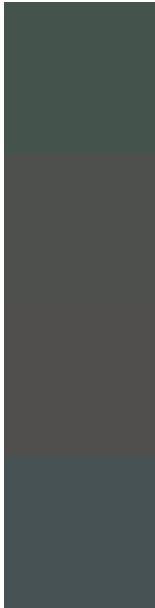
**Protanopia**  
524F4B

**Deuteranopia**  
584D4E



**Tritanopia**  
475158

# Trichromacy



**Original Color**  
45534D

**Protanomaly**  
4D504C

**Deuteranomaly**  
514F4E

**Tritanomaly**  
465254

# Monochromacy



**Original Color**  
45534D

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
4B504E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 45534D 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 #45534D looks like.

```
.text, #text, p{  
    color:#45534D  
}
```

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 #45534D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45534D
}
```

## Border

The CSS property to change the border of an element to Hex 45534D 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
#45534D }
```

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

```
.border{ border-color:#45534D }
```

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

Here you see how a box with a 4 pixel #45534D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45534D; -webkit-box-shadow:4px 4px  
4px 4px #45534D; box-shadow:4px 4px 4px  
4px #45534D }
```

# Background

The CSS property to change the background color of an element to Hex 45534D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45534D }
```

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

```
.background{ background-color:#45534D }
```

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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