

Converting Colors

Hex(45583D)

Have a look what the booklet for
Hex(45583D) contains.

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Color

Hex(45583D)

Conversions

Conversions Part 1

Format	Color
Hex	45583D
RGB	69, 88, 61
RGB Percent	27%, 35%, 24%
CMY	0.7294, 0.6549, 0.7608
CMYK	0.22, 0.00, 0.31, 0.65
HSL	102°, 18%, 29%
HSV	102°, 31%, 35%
XYZ	6.7863, 8.5816, 5.7136
YIQ	79.2410, -2.6570, -12.4250

Conversions

Conversions Part 2

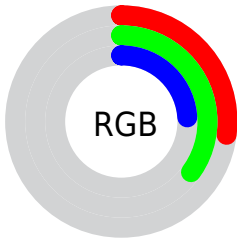
Format	Color
RYB	61, 88, 80
Decimal	4544573
CIELab	35.17, -13.11, 13.34
CIElCh	35, 18.707, 134.511
Yxy	8.5816, 0.3219, 0.4071
Android (android.graphics.Color)	4282734653 (0xFF45583D)
YUV	79.2410, -8.9928, -8.9814
Hunter-Lab	29.2943, -9.9141, 8.9420

Details

The Hex color **45583D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **503D58**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **768A6D**, and **192A12** is the 20% darker color. If you saturate the color by 10%, you get **3F5834**, and if you desaturate by 10%, it is **4B5846**.

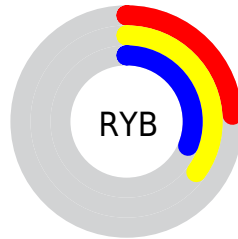
Distribution



Red (27%)

Green (35%)

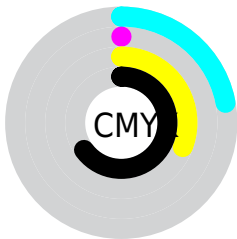
Blue (24%)



Red (24%)

Yellow (35%)

Blue (31%)

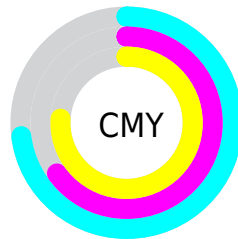


Cyan (22%)

Magenta (0%)

Yellow (31%)

Black (65%)



Cyan (73%)

Magenta (65%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45583D 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 45583D by changing the saturation by 10% instead.

 45583D

 45583D

FFFFFF

 2E4127

 768A6D

 192A12

 8FA486

 001700

 AABFA0

 000000

 C5DBBB

 E1F8D7

 FEFFF3

 45583D

 45583D

 3F5834

 4B5846

■ 39582B

■ 51584F

■ 325823

■ 585857

■ 2C581A

■ 5E5860

■ 265811

■ 645869

■ 205808

■ 6A5872

■ 1A5800

■ 70587B

■ 775883

■ 7D588C

Harmonies

Analogous

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



565436



45583D



335A4A

Triad

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



45583D



33566F



70484C

Complementary

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



45583D



503D58

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.



6B485B



45583D



4A526F

Square

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



45583D



235A67



5E4C68



6E4A3E

Rectangle

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



45583D



295B55



5E4C68



704751

Sweetspot

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



45583D



6B7368



58503D



363B34



BABABA



3B3B3B

Same Dimension

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



45583D



557348



3D5842



282B27



206B00



46EB00

Inverse Universe

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



503D58



664873



583D53



2A272B



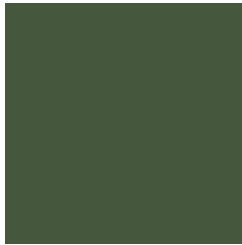
4B006B



A500EB

Previews

White Background



This preview shows how the Hex color 45583D looks on a white background.

Color Contrast Check

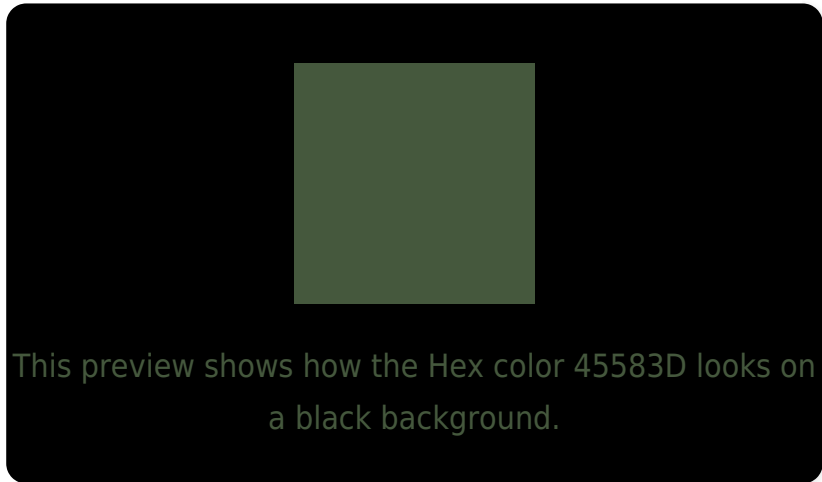
Large Text (above 18pt) WCAG AA ✓ Pass

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

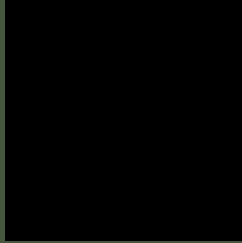
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

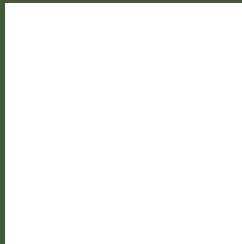
Any Text WCAG AAA × Fail

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

Hex 45583D Background



This preview shows how black text looks on a background with the Hex color 45583D.



This preview shows how white text looks on a background with the Hex color 45583D.

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
45583D

Protanopia
59523B

Deuteranopia
614F3F



Tritanopia
4A545B

Trichromacy



Original Color
45583D

Protanomaly
52543C

Deuteranomaly
57523E

Tritanomaly
485550

Monochromacy



Original Color
45583D

Achromatopsia
4F4F4F

Achromatomaly
4B5248

CSS Examples

Text

The CSS property to change the color of the text to Hex 45583D 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 #45583D looks like.

```
.text, #text, p{  
    color:#45583D  
}
```

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 #45583D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45583D
}
```

Border

The CSS property to change the border of an element to Hex 45583D 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".

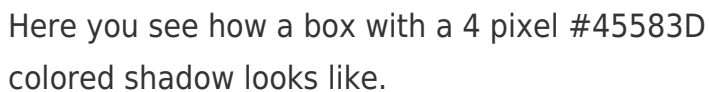
```
.border, #border, table{ border:4px solid
#45583D }
```

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

```
.border{ border-color:#45583D }
```

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

Here you see how a box with a 4 pixel #45583D colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #45583D colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45583D; -webkit-box-shadow:4px 4px  
4px 4px #45583D; box-shadow:4px 4px 4px  
4px #45583D }
```

Background

The CSS property to change the background color of an element to Hex 45583D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45583D }
```

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

```
.background{ background-color:#45583D }
```

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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