

Converting Colors

Hex(4A583D)

Have a look what the booklet for
Hex(4A583D) contains.

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Color

Hex(4A583D)

Conversions

Conversions Part 1

Format	Color
Hex	4A583D
RGB	74, 88, 61
RGB Percent	29%, 35%, 24%
CMY	0.7098, 0.6549, 0.7608
CMYK	0.16, 0.00, 0.31, 0.65
HSL	91°, 18%, 29%
HSV	91°, 31%, 35%
XYZ	7.1561, 8.7722, 5.7309
YIQ	80.7360, 0.3230, -11.3650

Conversions

Conversions Part 2

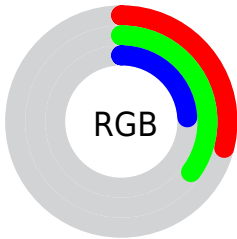
Format	Color
RYB	61, 88, 75
Decimal	4872253
CIELab	35.54, -11.03, 13.91
CIELCh	36, 17.758, 128.417
Yxy	8.7722, 0.3304, 0.4050
Android (android.graphics.Color)	4283062333 (0xFF4A583D)
YUV	80.7360, -9.7298, -5.9075
Hunter-Lab	29.6179, -8.7035, 9.2602

Details

The Hex color **4A583D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4B3D58**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **7B8A6D**, and **1E2B12** is the 20% darker color. If you saturate the color by 10%, you get **455834**, and if you desaturate by 10%, it is **4F5846**.

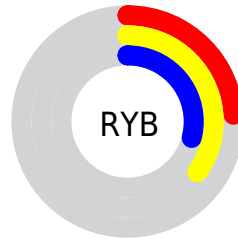
Distribution



Red (29%)

Green (35%)

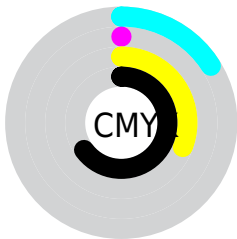
Blue (24%)



Red (24%)

Yellow (35%)

Blue (29%)

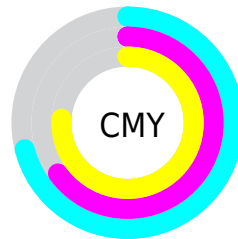


Cyan (16%)

Magenta (0%)

Yellow (31%)

Black (65%)



Cyan (71%)

Magenta (65%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A583D 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 4A583D by changing the saturation by 10% instead.

 4A583D

 4A583D

FFFFFF

 334127

 7B8A6D

 1E2B12

 95A486

 021700

 B0BFA0

 000000

 CBD BBB

 E7F8D7

 FFFFF3

 4A583D

 4A583D

 455834

 4F5846

■ 41582B

■ 53584F

■ 3C5823

■ 585857

■ 38581A

■ 5C5860

■ 335811

■ 615869

■ 2F5808

■ 655872

■ 2A5800

■ 6A587B

■ 6F5883

■ 73588C

Harmonies

Analogous

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



5A5437



4A583D



395B49

Triad

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



4A583D



33586E



704950

Complementary

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



4A583D



4B3D58

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.



694A5E



4A583D



47546F

Square

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



4A583D



275B65



5B4F6A



6E4B43

Rectangle

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



4A583D



2F5B52



5B4F6A



6E4955

Sweetspot

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



4A583D



6D7368



584B3D



373B34



BABABA



3B3B3B

Same Dimension

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



4A583D



5D7348



3D583D



292B27



346B00



71EB00

Inverse Universe

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



4B3D58



5E4873



583D58



29272B



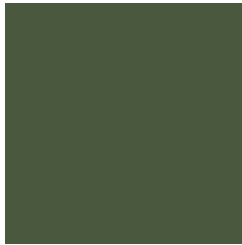
38006B



7A00EB

Previews

White Background



This preview shows how the Hex color 4A583D looks on a white background.

Color Contrast Check

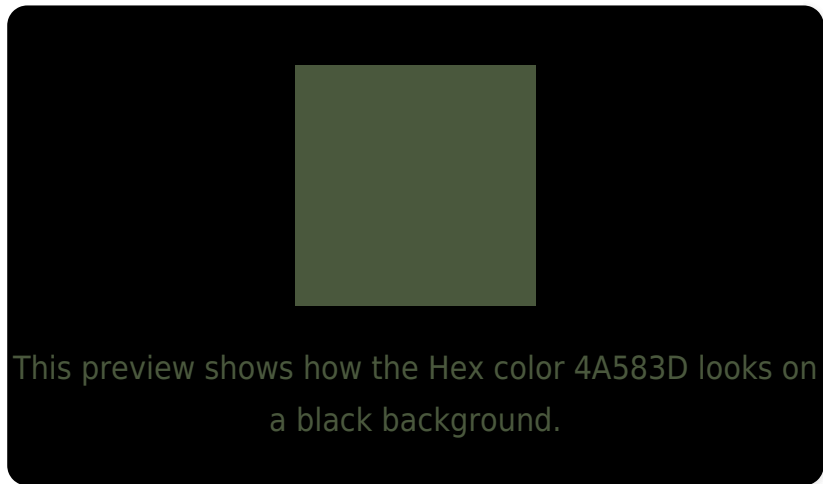
Large Text (above 18pt) WCAG AA ✓ Pass

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

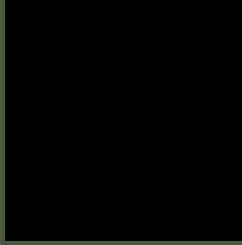
Any Text WCAG AA × Fail

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 4A583D Background



This preview shows how black text looks on a background with the Hex color 4A583D.



This preview shows how white text looks on a background with the Hex color 4A583D.

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
4A583D

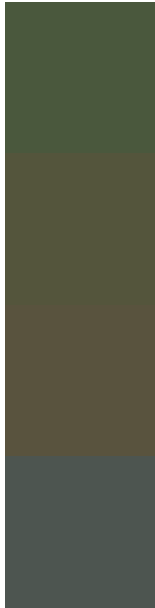
Protanopia
5A533B

Deuteranopia
62503F



Tritanopia
4E545B

Trichromacy



Original Color
4A583D

Protanomaly
54553C

Deuteranomaly
59533E

Tritanomaly
4D5550

Monochromacy



Original Color
4A583D

Achromatopsia
515151

Achromatomaly
4E544A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A583D 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 #4A583D looks like.

```
.text, #text, p{  
    color:#4A583D  
}
```

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 #4A583D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A583D
}
```

Border

The CSS property to change the border of an element to Hex 4A583D 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".

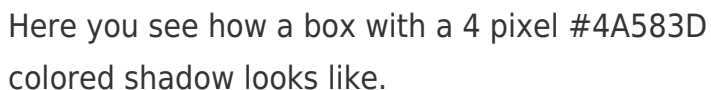
```
.border, #border, table{ border:4px solid
#4A583D }
```

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

```
.border{ border-color:#4A583D }
```

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

Here you see how a box with a 4 pixel #4A583D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A583D; -webkit-box-shadow:4px 4px  
4px 4px #4A583D; box-shadow:4px 4px 4px  
4px #4A583D }
```

Background

The CSS property to change the background color of an element to Hex 4A583D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A583D }
```

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

```
.background{ background-color:#4A583D }
```

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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