

Converting Colors

Hex(45703B)

Have a look what the booklet for
Hex(45703B) contains.

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Color

Hex(45703B)

Conversions

Conversions Part 1

Format	Color
Hex	45703B
RGB	69, 112, 59
RGB Percent	27%, 44%, 23%
CMY	0.7294, 0.5608, 0.7686
CMYK	0.38, 0.00, 0.47, 0.56
HSL	109°, 31%, 34%
HSV	109°, 47%, 44%
XYZ	9.0378, 13.1693, 6.2033
YIQ	93.1010, -8.6150, -25.5990

Conversions

Conversions Part 2

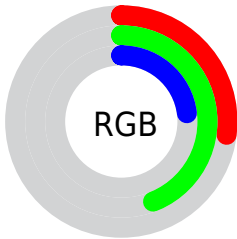
Format	Color
RYB	59, 112, 102
Decimal	4550715
CIELab	43.02, -26.17, 24.80
CIElCh	43, 36.051, 136.543
Yxy	13.1693, 0.3181, 0.4635
Android (android.graphics.Color)	4282740795 (0xFF45703B)
YUV	93.1010, -16.8118, -21.1366
Hunter-Lab	36.2896, -19.0517, 15.2678

Details

The Hex color **45703B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **663B70**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **78A46B**, and **14400E** is the 20% darker color. If you saturate the color by 10%, you get **3C7030**, and if you desaturate by 10%, it is **4E7046**.

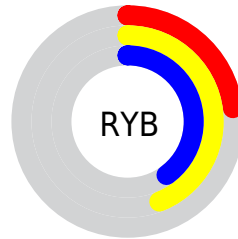
Distribution



Red (27%)

Green (44%)

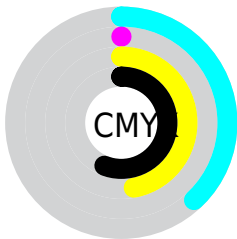
Blue (23%)



Red (23%)

Yellow (44%)

Blue (40%)

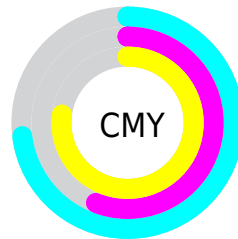


Cyan (38%)

Magenta (0%)

Yellow (47%)

Black (56%)



Cyan (73%)

Magenta (56%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45703B 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 45703B by changing the saturation by 10% instead.

 45703B

 45703B

FFFFFF

 2D5724

 78A46B

 14400E

 92BF85

 002900

 ADDB9F

 001200

 C9F8BA

 000000

 E5FFD6

 FFFFF3

 45703B

 45703B

 3C7030

 4E7046

■ 337025

■ 577051

■ 2A7019

■ 60705D

■ 21700E

■ 697068

■ 187003

■ 727073

■ 157000

■ 7C707E

■ 857089

■ 8E7095

■ 9770A0

Harmonies

Analogous

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



67692A



45703B



087457

Triad

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



45703B



006D9F



9E4D56

Complementary

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



45703B



663B70

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.



964E74



45703B



51639F

Square

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



45703B



007290



7D578F



96543C

Rectangle

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



45703B



00756B



7D578F



9D4C60

Sweetspot

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



45703B



81917D



70653B



404A3D



C9C9C9



4A4A4A

Same Dimension

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



45703B



4E913F



3B704B



343832



177800



2FF700

Inverse Universe

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



663B70



823F91



703B60



373238



610078



C900F7

Previews

White Background



This preview shows how the Hex color 45703B looks on a white background.

Color Contrast Check

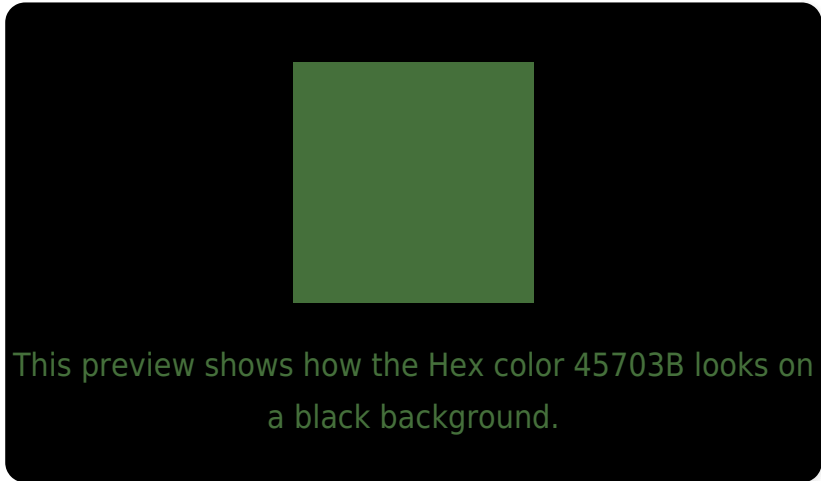
Large Text (above 18pt) WCAG AA ✓ Pass

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

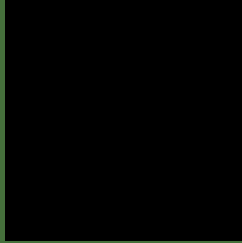
Any Text WCAG AA × Fail

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 45703B Background



This preview shows how black text looks on a background with the Hex color 45703B.



This preview shows how white text looks on a background with the Hex color 45703B.

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
45703B

Protanopia
6F6537

Deuteranopia
7A613F



Tritanopia
4F6A72

Trichromacy



Original Color
45703B

Protanomaly
606938

Deuteranomaly
67663E

Tritanomaly
4B6C5E

Monochromacy



Original Color
45703B

Achromatopsia
5D5D5D

Achromatomaly
546451

CSS Examples

Text

The CSS property to change the color of the text to Hex 45703B 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 #45703B looks like.

```
.text, #text, p{  
    color:#45703B  
}
```

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 #45703B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45703B
}
```

Border

The CSS property to change the border of an element to Hex 45703B 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".

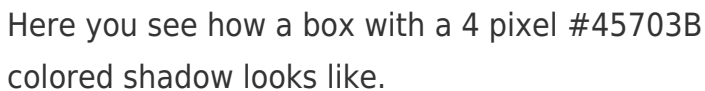
```
.border, #border, table{ border:4px solid
#45703B }
```

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

```
.border{ border-color:#45703B }
```

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

Here you see how a box with a 4 pixel #45703B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45703B; -webkit-box-shadow:4px 4px  
4px 4px #45703B; box-shadow:4px 4px 4px  
4px #45703B }
```

Background

The CSS property to change the background color of an element to Hex 45703B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45703B }
```

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

```
.background{ background-color:#45703B }
```

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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