

Converting Colors

Hex(45723F)

Have a look what the booklet for
Hex(45723F) contains.

Hex(45723F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(45723F)

Conversions

Conversions Part 1

Format	Color
Hex	45723F
RGB	69, 114, 63
RGB Percent	27%, 45%, 25%
CMY	0.7294, 0.5529, 0.7529
CMYK	0.39, 0.00, 0.45, 0.55
HSL	113°, 29%, 35%
HSV	113°, 45%, 45%
XYZ	9.3688, 13.6587, 6.8452
YIQ	94.7310, -10.4490, -25.4010

Conversions

Conversions Part 2

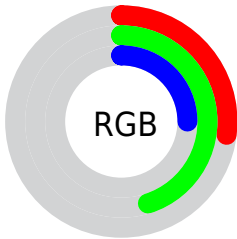
Format	Color
RYB	63, 114, 108
Decimal	4551231
CIELab	43.74, -26.53, 23.47
CIELCh	44, 35.424, 138.498
Yxy	13.6587, 0.3136, 0.4572
Android (android.graphics.Color)	4282741311 (0xFF45723F)
YUV	94.7310, -15.6434, -22.5661
Hunter-Lab	36.9577, -19.4263, 14.8888

Details

The Hex color **45723F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6C3F72**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **78A66F**, and **134112** is the 20% darker color. If you saturate the color by 10%, you get **3B7234**, and if you desaturate by 10%, it is **4F724A**.

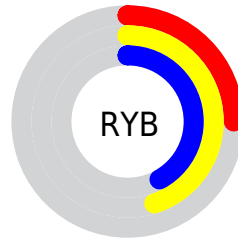
Distribution



Red (27%)

Green (45%)

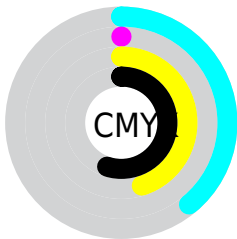
Blue (25%)



Red (25%)

Yellow (45%)

Blue (42%)

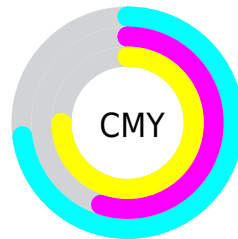


Cyan (39%)

Magenta (0%)

Yellow (45%)

Black (55%)



Cyan (73%)

Magenta (55%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45723F 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 45723F by changing the saturation by 10% instead.



45723F



45723F

FFFFFF



2D5928



78A66F



134112



92C289



002B00



ADDEA4



001600



C9FABF



000000



E5FFDB



FFFFFF7



45723F



45723F



3B7234



4F724A

■ 317228

■ 597256

■ 27721D

■ 637261

■ 1D7211

■ 6D726D

■ 137206

■ 777278

■ 0D7200

■ 817283

■ 8B728F

■ 95729A

■ A072A6

Harmonies

Analogous

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



676B2D



45723F



09765B

Triad

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



45723F



006EA1



9F4F56

Complementary

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



45723F



6C3F72

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.



985074



45723F



57649F

Square

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



45723F



007493



80598F



96573C

Rectangle

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



45723F



00766F



80598F



9E4E60

Sweetspot

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



45723F



839481



726B3F



404A3E



C9C9C9



4A4A4A

Same Dimension

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



45723F



4D9444



3F7252



333832



0E7800



1DF700

Inverse Universe

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



6C3F72



8B4494



723F5F



373238



6A0078



DA00F7

Previews

White Background



This preview shows how the Hex color 45723F looks on a white background.

Color Contrast Check

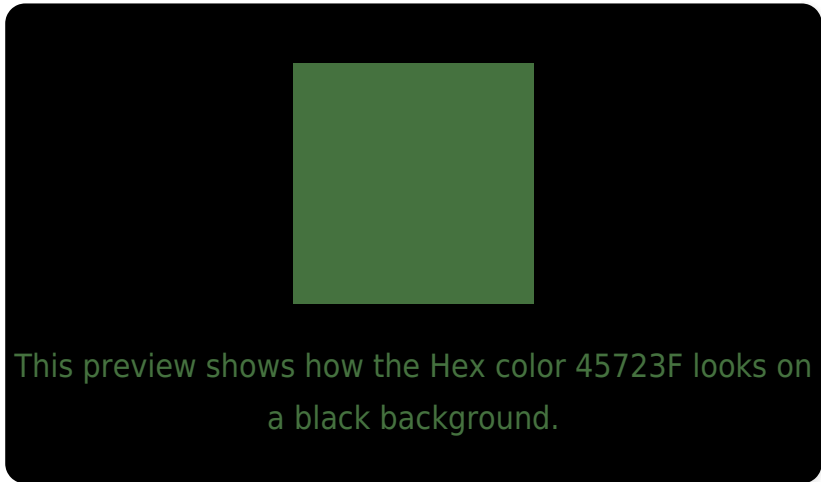
Large Text (above 18pt) WCAG AA ✓ Pass

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

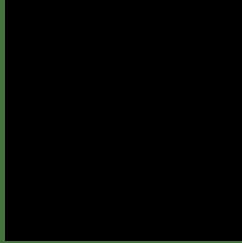
Any Text WCAG AA × Fail

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 45723F Background



This preview shows how black text looks on a background with the Hex color 45723F.



This preview shows how white text looks on a background with the Hex color 45723F.

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
45723F

Protanopia
71673B

Deuteranopia
7C6243



Tritanopia
4F6C75

Trichromacy



Original Color
45723F

Protanomaly
616B3C

Deuteranomaly
686842

Tritanomaly
4B6E61

Monochromacy



Original Color
45723F

Achromatopsia
5F5F5F

Achromatomaly
566653

CSS Examples

Text

The CSS property to change the color of the text to Hex 45723F 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 #45723F looks like.

```
.text, #text, p{  
    color:#45723F  
}
```

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 #45723F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45723F
}
```

Border

The CSS property to change the border of an element to Hex 45723F 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".

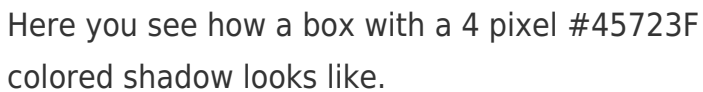
```
.border, #border, table{ border:4px solid
#45723F }
```

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

```
.border{ border-color:#45723F }
```

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

Here you see how a box with a 4 pixel #45723F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45723F; -webkit-box-shadow:4px 4px  
4px 4px #45723F; box-shadow:4px 4px 4px  
4px #45723F }
```

Background

The CSS property to change the background color of an element to Hex 45723F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45723F }
```

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

```
.background{ background-color:#45723F }
```

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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