

Converting Colors

Hex(49763F)

Have a look what the booklet for
Hex(49763F) contains.

Hex(49763F)	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(49763F)

Conversions

Conversions Part 1

Format	Color
Hex	49763F
RGB	73, 118, 63
RGB Percent	29%, 46%, 25%
CMY	0.7137, 0.5373, 0.7529
CMYK	0.38, 0.00, 0.47, 0.54
HSL	109°, 30%, 35%
HSV	109°, 47%, 46%
XYZ	10.1233, 14.7322, 7.0127
YIQ	98.2750, -9.1650, -26.6450

Conversions

Conversions Part 2

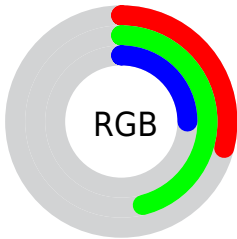
Format	Color
RYB	63, 118, 108
Decimal	4814399
CIELab	45.27, -27.07, 25.46
CIElCh	45, 37.159, 136.750
Yxy	14.7322, 0.3177, 0.4623
Android (android.graphics.Color)	4283004479 (0xFF49763F)
YUV	98.2750, -17.3906, -22.1662
Hunter-Lab	38.3826, -20.0906, 16.0352

Details

The Hex color **49763F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6C3F76**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **7CAB70**, and **174512** is the 20% darker color. If you saturate the color by 10%, you get **3F7633**, and if you desaturate by 10%, it is **53764B**.

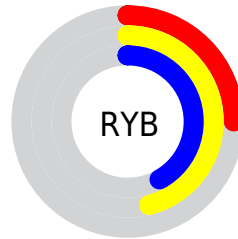
Distribution



Red (29%)

Green (46%)

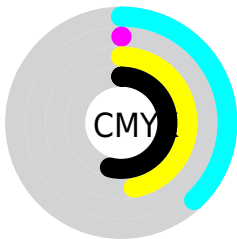
Blue (25%)



Red (25%)

Yellow (46%)

Blue (42%)

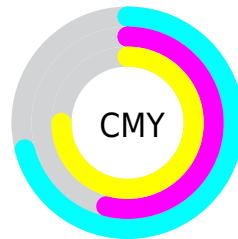


Cyan (38%)

Magenta (0%)

Yellow (47%)

Black (54%)



Cyan (71%)

Magenta (54%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49763F 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 49763F by changing the saturation by 10% instead.



49763F



49763F

FFFFFF



305D28



7CAB70



174512



96C689



012E00



B2E2A4



001B00



CEFFBF



000000



EAFFDB



FFFFFF8



49763F



49763F



3F7633



53764B

 367627

 5C7657

 2C761C

 667662

 227610

 70766E

 197604

 79767A

 157600

 837686

 8D7692

 96769D

 A076A9

Harmonies

Analogous

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



6C6F2D



49763F



0A7A5C

Triad

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



49763F



0072A7



A5515B

Complementary

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



49763F



6C3F76

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.



9D527A



49763F



5668A6

Square

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



49763F



007898



835C96



9D593F

Rectangle

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



49763F



007B71



835C96



A55165

Sweetspot

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



49763F



879984



766C3F



424D3F



CCCCCC



4D4D4D

Same Dimension

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



49763F



539943



3F7650



363B35



167A00



2DFA00

Inverse Universe

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



6C3F76



894399



763F65



3A353B



64007A



CC00FA

Previews

White Background



This preview shows how the Hex color 49763F looks on a white background.

Color Contrast Check

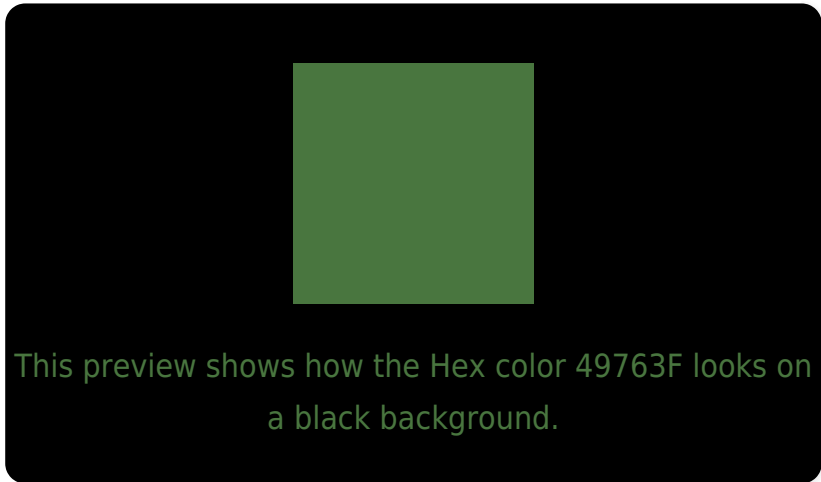
Large Text (above 18pt) WCAG AA ✓ Pass

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

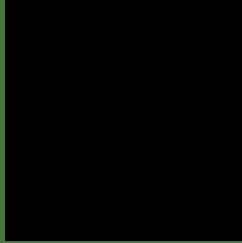
Any Text WCAG AA × Fail

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 49763F Background



This preview shows how black text looks on a background with the Hex color 49763F.



This preview shows how white text looks on a background with the Hex color 49763F.

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
49763F

Protanopia
756B3B

Deuteranopia
816643



Tritanopia
537078

Trichromacy



Original Color
49763F

Protanomaly
656F3C

Deuteranomaly
6D6C42

Tritanomaly
4F7263

Monochromacy



Original Color
49763F

Achromatopsia
626262

Achromatomaly
596955

CSS Examples

Text

The CSS property to change the color of the text to Hex 49763F 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 #49763F looks like.

```
.text, #text, p{  
    color:#49763F  
}
```

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 #49763F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49763F
}
```

Border

The CSS property to change the border of an element to Hex 49763F 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".

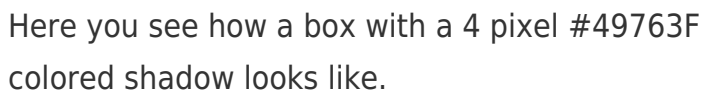
```
.border, #border, table{ border:4px solid
#49763F }
```

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

```
.border{ border-color:#49763F }
```

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

Here you see how a box with a 4 pixel #49763F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49763F; -webkit-box-shadow:4px 4px  
4px 4px #49763F; box-shadow:4px 4px 4px  
4px #49763F }
```

Background

The CSS property to change the background color of an element to Hex 49763F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49763F }
```

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

```
.background{ background-color:#49763F }
```

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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