

Converting Colors

Hex(49781F)

Have a look what the booklet for
Hex(49781F) contains.

Hex(49781F)	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(49781F)

Conversions

Conversions Part 1

Format	Color
Hex	49781F
RGB	73, 120, 31
RGB Percent	29%, 47%, 12%
CMY	0.7137, 0.5294, 0.8784
CMYK	0.39, 0.00, 0.74, 0.53
HSL	92°, 59%, 30%
HSV	92°, 74%, 47%
XYZ	9.7114, 14.9483, 3.6698
YIQ	95.8010, 0.5570, -37.6430

Conversions

Conversions Part 2

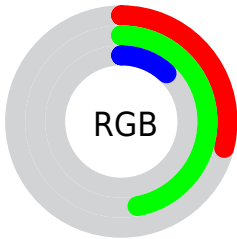
Format	Color
RYB	31, 120, 78
Decimal	4814879
CIELab	45.56, -31.61, 41.54
CIELCh	46, 52.199, 127.269
Yxy	14.9483, 0.3428, 0.5277
Android (android.graphics.Color)	4283004959 (0xFF49781F)
YUV	95.8010, -31.9469, -19.9965
Hunter-Lab	38.6631, -22.8245, 21.4365

Details

The Hex color **49781F** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4E1F78**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7DAD51**, and **154700** is the 20% darker color. If you saturate the color by 10%, you get **437813**, and if you desaturate by 10%, it is **4F782B**.

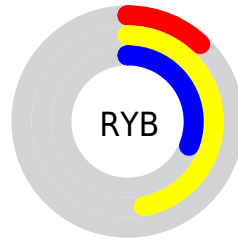
Distribution



Red (29%)

Green (47%)

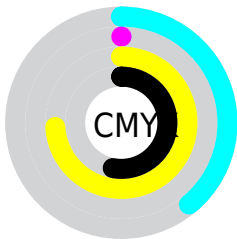
Blue (12%)



Red (12%)

Yellow (47%)

Blue (31%)

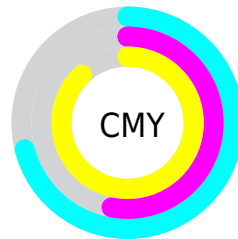


Cyan (39%)

Magenta (0%)

Yellow (74%)

Black (53%)



Cyan (71%)

Magenta (53%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49781F 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 49781F by changing the saturation by 10% instead.



49781F



49781F

FFFFFF



2F5F01



7DAD51



154700



99C86B



003000



B4E485



001C00



D1FFA0



000000



EDFFBB



FFFFD7



FFFFF4



49781F



49781F

■ 437813

■ 4F782B

■ 3C7807

■ 567837

■ 397800

■ 5C7843

■ 62784F

■ 69785B

■ 6F7867

■ 757873

■ 7C787F

■ 82788B

Harmonies

Analogous

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



786D00



49781F



007E48

Triad

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



49781F



0079BC



BA4063

Complementary

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



49781F



4E1F78

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.



A8488E



49781F



006EC3

Square

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



49781F



007FA0



7B5BB2



B44B39

Rectangle

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



49781F



008066



7B5BB2



B74072

Sweetspot

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



49781F



899C79



784D1F



444F3A



CFCFCF



4F4F4F

Same Dimension

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



49781F



529C11



1F7820



3A3D37



3B7D00



77FC00

Inverse Universe

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



4E1F78



5A119C



781F77



3A373D



42007D



8500FC

Previews

White Background



This preview shows how the Hex color 49781F looks on a white background.

Color Contrast Check

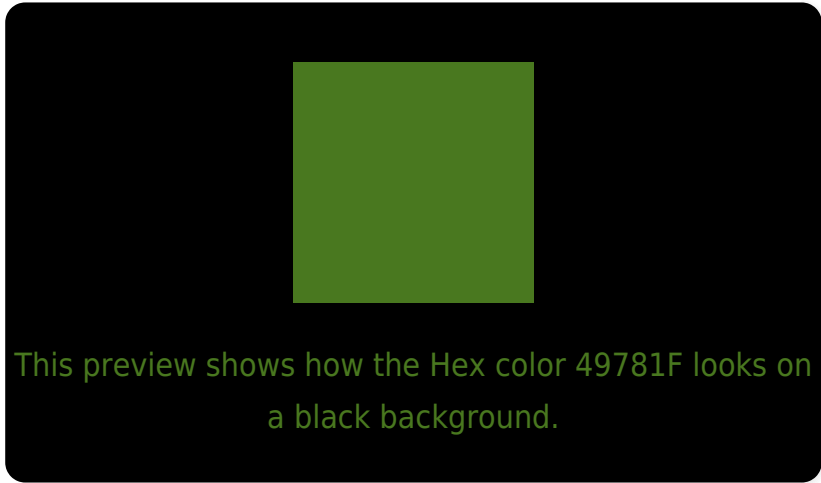
Large Text (above 18pt) WCAG AA ✓ Pass

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 49781F Background



This preview shows how black text looks on a background with the Hex color 49781F.



This preview shows how white text looks on a background with the Hex color 49781F.

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
49781F

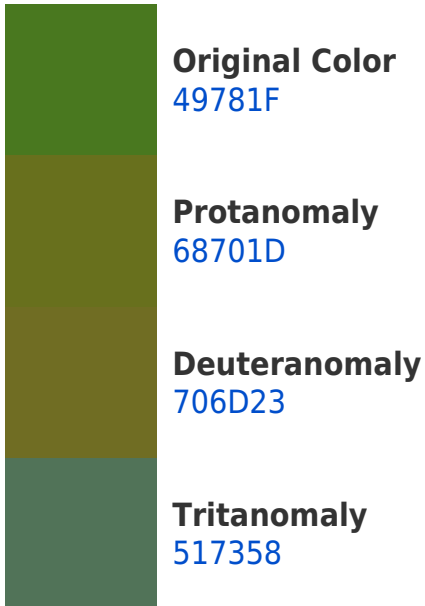
Protanopia
796C1C

Deuteranopia
866626



Tritanopia
567079

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49781F 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 #49781F looks like.

```
.text, #text, p{  
    color:#49781F  
}
```

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 #49781F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49781F
}
```

Border

The CSS property to change the border of an element to Hex 49781F 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".

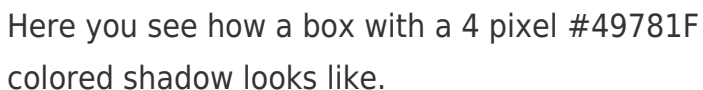
```
.border, #border, table{ border:4px solid
#49781F }
```

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

```
.border{ border-color:#49781F }
```

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

Here you see how a box with a 4 pixel #49781F colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49781F; -webkit-box-shadow:4px 4px  
4px 4px #49781F; box-shadow:4px 4px 4px  
4px #49781F }
```

Background

The CSS property to change the background color of an element to Hex 49781F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49781F }
```

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

```
.background{ background-color:#49781F }
```

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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