

# Converting Colors

Hex(487D1F)

Have a look what the booklet for  
Hex(487D1F) contains.

<b>Hex(487D1F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(487D1F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	487D1F
RGB	72, 125, 31
RGB Percent	28%, 49%, 12%
CMY	0.7176, 0.5098, 0.8784
CMYK	0.42, 0.00, 0.75, 0.51
HSL	94°, 60%, 31%
HSV	94°, 75%, 49%
XYZ	10.2534, 16.1439, 3.8720
YIQ	98.4370, -1.4140, -40.4700

# Conversions

## Conversions Part 2

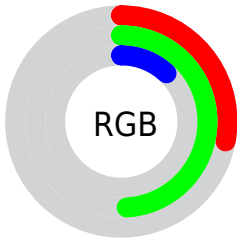
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 125, 84
Decimal	4750623
CIELab	47.16, -34.23, 43.13
CIELCh	47, 55.066, 128.438
Yxy	16.1439, 0.3387, 0.5333
Android (android.graphics.Color)	4282940703 (0xFF487D1F)
YUV	98.4370, -33.2464, -23.1852
Hunter-Lab	40.1794, -24.7625, 22.4120

# Details

The Hex color **487D1F** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **541F7D**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **7DB252**, and **114B00** is the 20% darker color. If you saturate the color by 10%, you get **417D13**, and if you desaturate by 10%, it is **4F7D2B**.

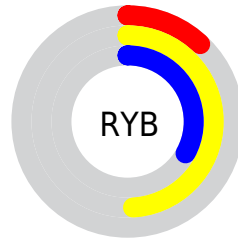
# Distribution



Red (28%)

Green (49%)

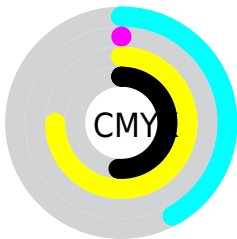
Blue (12%)



Red (12%)

Yellow (49%)

Blue (33%)

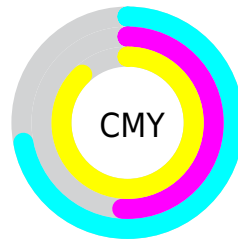


Cyan (42%)

Magenta (0%)

Yellow (75%)

Black (51%)



Cyan (72%)

Magenta (51%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 487D1F 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 487D1F by changing the saturation by 10% instead.





487D1F



487D1F

FFFFFF



2D6400



7DB252



114B00



98CE6C



003400



B4EA86



002100



D0FFA1



000000



EDFFBC



FFFFD9



FFFFFF5



487D1F



487D1F

■ 417D13

■ 4F7D2B

■ 3A7D06

■ 567D38

■ 377D00

■ 5D7D45

■ 647D51

■ 6B7D5E

■ 727D6A

■ 797D76

■ 807D83

■ 877D8F

# Harmonies

## Analogous

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



7A7200



487D1F



00834C

# Triad

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



487D1F



007EC6



C24065

# Complementary

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



487D1F



541F7D

# 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.



B14893



487D1F



0071CC

# Square

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



487D1F



0084A8



825DB9



BB4D39

# Rectangle

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



487D1F



00856C



825DB9



C04174



# Sweetspot

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



487D1F



8EA37E



7D531F



45523B



D1D1D1



525252



# Same Dimension

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



487D1F



50A310



1F7D24



3C4039



388000



000000



# Inverse Universe

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



541F7D



6310A3



7D1F78



3D3940



480080



000000



# Previews

## White Background



This preview shows how the Hex color 487D1F looks on a white background.

## Color Contrast Check

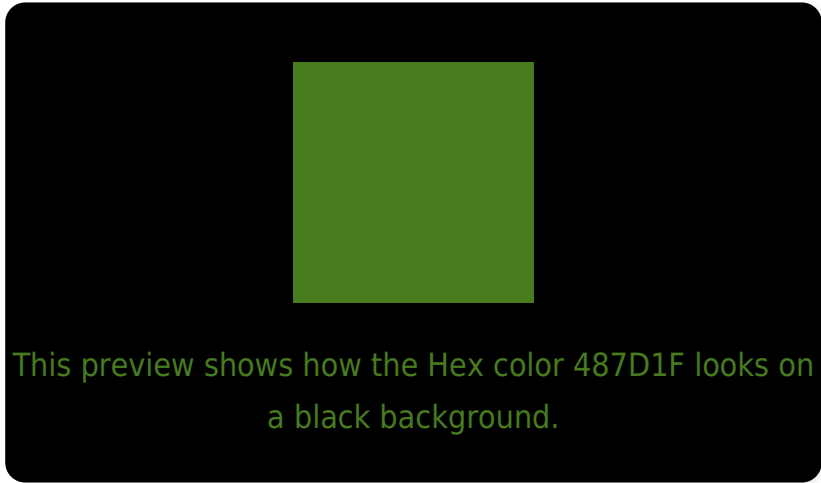
Large Text (above 18pt) WCAG AA ✓ Pass

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 487D1F Background



This preview shows how black text looks on a background with the Hex color 487D1F.



This preview shows how white text looks on a background with the Hex color 487D1F.

# 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**  
487D1F

**Protanopia**  
7D701C

**Deuteranopia**  
8B6A27



**Tritanopia**  
56757E

# Trichromacy



**Original Color**  
487D1F

**Protanomaly**  
6A751D

**Deuteranomaly**  
737124

**Tritanomaly**  
51785B

# Monochromacy



**Original Color**  
487D1F

**Achromatopsia**  
626262

**Achromatomaly**  
596C4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 487D1F 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 #487D1F looks like.

```
.text, #text, p{  
    color:#487D1F  
}
```

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 #487D1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #487D1F
}
```

## Border

The CSS property to change the border of an element to Hex 487D1F 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".

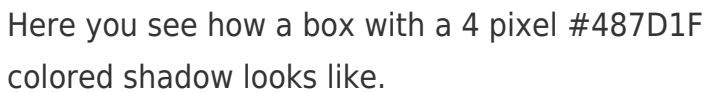
```
.border, #border, table{ border:4px solid
#487D1F }
```

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

```
.border{ border-color:#487D1F }
```

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

Here you see how a box with a 4 pixel #487D1F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #487D1F; -webkit-box-shadow:4px 4px  
4px 4px #487D1F; box-shadow:4px 4px 4px  
4px #487D1F }
```

# Background

The CSS property to change the background color of an element to Hex 487D1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#487D1F }
```

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

```
.background{ background-color:#487D1F }
```

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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